



No. 14

5 APRIL 2003



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Imagery and Mapping Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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**Visit the Maritime Safety Information Division website at
<http://pollux.nss.nima.mil/>**



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed via the NIMA Homepage (www.nima.mil) under the Safety of Navigation link or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nima.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nima.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nima.mil.

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Observer	Ship/Organization
Pamela Taylor, Second Officer	CSX SPIRIT
Eugene Mayer, Second Officer	CSX SPIRIT

Cover Photo: The **USS HUE CITY (CG-66)** the first United States Ship to bear this name and the only ship named after a battle in the Vietnam War, is the twentieth in the *TICINDEROGA* class of Aegis guided missile cruisers and the fourteenth to be built by Ingalls Shipbuilding in Pascagoula, Mississippi. Her mission is to conduct prompt, sustained combat operations at sea in support of a carrier battle group or amphibious assault group. **HUE CITY** was designed to defend against coordinated saturation attacks involving enemy surface ships, submarines, aircraft and missiles. Additionally, **HUE CITY** is able to engage in offensive actions against the enemy through employment of long-range anti-ship missiles, land attack missiles, and gunfire. Commissioned 14 September 1991 the **HUE CITY** has a displacement of 9600 tons fully loaded, is 567 feet long, has a beam of 55 feet and a draft of 34 feet. She carries a crew of 340 Sailors, 27 Chief Petty Officers and 33 Officers. The homeport of the **USS HUE CITY** is Mayport, Florida.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 14/03

HYDROGRAM

**National Imagery and Mapping Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

5 April 2003

SPECIAL WARNING NO. 121

THE U.S. DEPARTMENT OF STATE HAS ISSUED SPECIAL WARNING NO. 121. SEE SECTION III.

WORLD PORT INDEX

UPDATES TO THE WORLD PORT INDEX, PUB. 150, 2000 EDITION ARE AVAILABLE ON THE NIMA MARITIME SAFETY INFORMATION WEBSITE. SEE SECTION III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NIMA List of Lights.

Section II-5 lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

★12331	30Ed. 12/02	LAST NM 13/03	14/03	Depth 5 fathoms (9(3728)00 Ottawa)	52°16'57"N 128°39'03"W
	Add	Legend "Shl 34ft rep (2003)" (PA)			
		40°32'27.6"N 74°15'07.4"W			
	(9/03 CG1)				
★13213	40Ed. 2/03	NEW EDITION	14/03		
	(NOS)				
13293	33Ed. 4/13/02	LAST NM 51/02	14/03		
	Change	Designation of buoy (mooring) "A" to "B"			
		43°42'36"N 69°45'25"W			
	(9/03 CG1)				
★13295	11Ed. 10/02	LAST NM 2/03	14/03		
	Change	Designation of buoy (mooring) "A" to "B"			
		43°42'36"N 69°45'24"W			
	(9/03 CG1)				
14111	7Ed. 2/18/95	LAST NM 53/00	14/03		
	Change	Light to Fl Y 4s 16ft			
		45°38.8'N 61°24.6'W			
		(Plan A)			
	Change	Light to Fl Y 4s 16ft			
		45°38'46"N 61°24'34"W			
		(Continuation)			
	Change	Light to Fl Y 4s 16ft			
		45°38.8'N 61°24.6'W			
	(1(4306)01 Ottawa)				
★14929	24Ed. 2/03	NEW EDITION	14/03		
	(NOS)				
★14966	25Ed. 2/03	NEW EDITION	14/03		
	(NOS)				
15585	Ed. 9/4/81	LAST NM N49/95	N14/03		
	Delete	RC (Aero)			
		68°26'N 89°42'W			
		RC (Aero)			
		68°18'N 85°40'W			
	(9(7502)00 Ottawa)				
★16593	11Ed. 2/03	NEW EDITION	14/03		
	(NOS)				
★17385	14Ed. 2/03	NEW EDITION	14/03		
	(NOS)				
17416	3Ed. 11/4/95	LAST NM 10/03	14/03		
	Substitute	Dangerous submerged rock [K13] "Rep (2000)" (PA) for depth 2 fathoms 5 feet			
		52°52.9'N 131°48.9'W			
	(9(3807)00 Ottawa)				
17420	26Ed. 9/22/01	LAST NM 12/03	14/03		
	Delete	Buoy			
		54°15.5'N 130°38.5'W			
	(9(3957)00 Ottawa)				
17438	12Ed. 1/28/95	LAST NM 10/03	14/03		
	Delete	Buoy "D77"			
		54°15'29"N 130°38'27"W			
	(9(3957)00 Ottawa)				
17445	2Ed. 1/28/95	LAST NM 10/03	14/03		
	Delete	Buoy "D77"			
		54°15'29"N 130°38'27"W			
	(9(3957)00 Ottawa)				
17472	4Ed. 10/21/95	LAST NM 5/03	14/03		
	Delete	Depth 8 fathoms			
		52°16'10"N 128°41'18"W			
	Add	Depth 3¾ fathoms			
		52°16'15"N 128°41'24"W			
		Depth 5¼ fathoms			
		52°17'32"N 128°43'53"W			
		Depth 5 fathoms			
		52°16'58"N 128°39'11"W			
	(9(3728)00 Ottawa)				
17482	Ed. 2/5/82	LAST NM N7/03	N14/03		
	Delete	Depth 8 fathoms			
		52°16'12"N 128°41'12"W			
	Add	Depth 3¾ fathoms			
		52°16'14"N 128°41'15"W			
		Depth 5¼ fathoms			
		52°17'31"N 128°43'44"W			
★18432	5Ed. 1/03	NEW EDITION	14/03		
	(NOS)				
★18453	24Ed. 1/03	NEW EDITION	14/03		
	(NOS)				
★18663	5Ed. 1/03	NEW EDITION	14/03		
	(NOS)				
★19442	5Ed. 2/03	NEW EDITION	14/03		
	(NOS)				
22008	35Ed. 9/6/97	LAST NM 6/03	14/03		
	Add	Wreck [K29]			
		7°56.2'S 79°25.1'W			
	(1(1)03 Callao)				
22130	2Ed. 6/22/96	LAST NM 44/02	14/03		
	Add	Wreck [K29]			
		7°56.2'S 79°25.1'W			
	(1(1)03 Callao)				
22143	3Ed. 9/25/93	LAST NM 52/02	14/03		
	Add	(Plan A)			
		Dangerous wreck [K28]			
		10°47'17.9"S 77°45'00.8"W			
	(2(7)03 Callao)				
22182	6Ed. 4/20/96	LAST NM 34/02	14/03		
	Delete	(Plan A)			
		Pilot station symbol			
		16°59'34.0"S 72°07'26.5"W			
	Add	Pilot station symbol [T1.1]			
		16°59'28.1"S 72°07'21.9"W			
		"Quarantine Anchorage" area [N12.8] bound			
		by purple dashed line joining			
		16°58'28.4"S 72°07'39.0"W			
		16°58'51.6"S 72°07'28.2"W			
		16°58'56.5"S 72°07'39.1"W			
		16°58'33.0"S 72°07'49.8"W			
		"General Anchorage" area [N12.1] bound by			
		purple dashed line joining			
		16°59'44.6"S 72°06'42.7"W			
		17°00'13.0"S 72°06'50.8"W			
		17°00'06.9"S 72°07'20.9"W			
		16°59'37.8"S 72°07'12.9"W			
		"Small Vessel Anchorage" area [N12.1] bound			
		by purple dashed line joining			
		17°00'00.5"S 72°06'47.2"W			
		17°00'02.5"S 72°06'39.0"W			
		17°00'15.0"S 72°06'42.4"W			
		17°00'13.0"S 72°06'50.8"W			
		"Hazardous Cargo Anchorage" area [N12.1]			
		bound by purple dashed line joining			
		17°00'11.6"S 72°06'57.6"W			
		17°00'24.4"S 72°07'01.1"W			
		17°00'19.0"S 72°07'24.2"W			
		17°00'06.9"S 72°07'20.9"W			
	(1(5)03 Callao)				
22429	Ed. 1/1/73	LAST NM N10/03	N14/03		
	Add	Legend "See Chart 13111"			
		54°50.4'S 69°56.5'W			
		Legend "See Chart 13112"			
		55°02.2'S 69°33.1'W			
		Legend "See Chart 13113"			
		54°49.7'S 69°42.0'W			
		Legend "See Chart 13113"			
		54°55.0'S 69°09.5'W			
		Legend "See Chart 1301"			
		54°58.0'S 69°03.6'W			
	(1(7)02 Valparaiso)				
22433	3Ed. 2/15/97	LAST NM 11/03	14/03		
	Add	Range beacon, rear			
		54°54'35"S 67°50'08"W			
		Range line extending in 009° direction from			
		above rear beacon			
		solid for 1.0 mile			
		Legend "Bns in line 189°" along above range			
		line			
		54°54'00"S 67°50'00"W			
		Range beacon, rear			
		54°54'48"S 67°47'50"W			
		(continued on next page)			

SECTION I

NM 14/03

22433	(Continued)			
	Range line extending in 009° direction from above rear beacon solid for 1.0 mile			
	Legend "Bns in line 189°" along above range line	54°54'25"S	67°47'45"W	
	Light Fl R 5s to buoy (1(9), 8(128)02 Valparaiso)	54°54'26"S	68°18'00"W	
22436	2Ed. 2/8/97 LAST NM 10/03			14/03
	Add Light Fl R 5s to buoy (1(9)02 Valparaiso)	54°54'26"S	68°17'53"W	
24052	15Ed. 9/13/97 LAST NM 38/02			14/03
	Add Light Fl(2) 10s 8m 2M to position circle and change legend to "Torre El Marciano"	34°31'53"S	58°21'36"W	
	(16(158)01 Buenos Aires)			
24055	6Ed. 10/4/97 LAST NM 49/02			14/03
	Delete Buoy "73"	34°45.3'S	57°35.6'W	
	Add Buoy "Km 73.6" G, pillar, can topmark, Fl(3) G 12s (16(157)01 Buenos Aires)	34°45.6'S	57°35.4'W	
25563	50Ed. 6/10/95 LAST NM 33/02			14/03
	Add "Firing Practice Area" bound by shore and purple composite line joining	16°03'57"N 16°03'57"N 16°02'57"N 16°02'03"N 16°00'57"N 16°00'57"N	61°46'12"W 61°49'51"W 61°49'32"W 61°48'40"W 61°48'27"W 61°44'49"W	
	(47(5065)02 Taunton)			
35000	26Ed. 5/3/97 LAST NM 48/02			14/03
	Delete R Bn (33(16)00 Brest)	49°06.5'N	2°48.8'W	
35009	19Ed. 12/2/95 LAST NM 10/03			14/03
	Add Foul ground symbol [K31] (9(995)03 Taunton)	55°05.5'N	1°16.4'W	
35040	18Ed. 5/10/97 LAST NM 10/03			14/03
	Add Foul ground symbol [K31] (9(995)03 Taunton)	55°05'51"N	1°16'43"W	
35042	9Ed. 1/18/97 LAST NM 4/03			14/03
	Add Foul ground symbol [K31] (9(995)03 Taunton)	55°05'51"N	1°16'43"W	
35060	14Ed. 6/21/97 LAST NM 10/03			14/03
	Add Foul ground symbol [K31] (9(995)03 Taunton)	55°05.5'N	1°16.4'W	
35255	3Ed. 3/1/97 LAST NM 50/02			14/03
	Add Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] (8(883)03 Taunton)	56°30.4'N	5°43.5'W	
35256	2Ed. 1/31/98 LAST NM 21/98			14/03
	Add Buoy BY, pillar, double cone topmark points upward, Q [Q130.3] (8(883)03 Taunton)	56°30'21.6"N	5°43'28.2"W	
36005	(INT 1070) 2Ed. 2/24/96 LAST NM 12/03			14/03
	Delete R Bn (33(16)00 Brest)	49°06.5'N 48°40.2'N 48°41.1'N	2°48.8'W 2°05.0'W 2°19.2'W	
37000	(INT 140) 22Ed. 8/19/95 LAST NM 48/02			14/03
	Delete R Bn (33(16)00 Brest)	49°06.5'N	2°48.8'W	
37034	2Ed. 9/12/98 LAST NM 8/03			14/03
	Add Depth 425 meters (29(6)00 Brest)			44°09.0'N 8°49.0'W
37080	3Ed. 12/28/96 LAST NM 9/03			14/03
	Delete R Bn (33(16)00 Brest)			49°06.5'N 2°48.8'W 48°40.2'N 2°05.0'W 48°41.1'N 2°19.2'W
37090	8Ed. 2/8/97 LAST NM 9/03			14/03
	Delete R Bn (33(16)00 Brest)			48°40.2'N 2°05.0'W 48°41.1'N 2°19.2'W
37095	3Ed. 10/26/96 LAST NM 11/03			14/03
	Add Buoy YB, spar, double cone topmark points downward, Q(6) + L Fl 15s (28(21)00 Brest)	49°34.4'N	1°13.9'W	
37150	8Ed. 12/20/97 LAST NM 31/02			14/03
	Add Depth 9.9 meters enclosed by depth contour (10-meter) (9(993, 994)03 Taunton)			52°42'04"N 1°45'40"E
	Depth 4.2 meters enclosed by depth contour (5-meter)			52°41'47"N 1°44'46"E
	Depth 10.6 meters enclosed by depth contour (15-meter)			52°41'39"N 1°46'24"E
	Buoy R, can (9(993, 994)03 Taunton)			52°53'15"N 1°27'23"E
37161	14Ed. 3/15/97 LAST NM 1/03			14/03
	Add Depth 9.9 meters enclosed by depth contour (10-meter) (9(993)03 Taunton)			52°42'04"N 1°45'40"E
	Depth 4.2 meters enclosed by depth contour (5-meter)			52°41'47"N 1°44'46"E
	Depth 10.6 meters enclosed by depth contour (15-meter)			52°41'39"N 1°46'24"E
37166	2Ed. 7/13/96 LAST NM 26/02			14/03
	Add Buoy R, can (9(994)03 Taunton)	52°53.1'N	1°27.2'E	
37170	11Ed. 11/23/96 LAST NM 38/02			14/03
	Add Buoy R, can (9(994)03 Taunton)	52°53'15"N	1°27'23"E	
37221	13Ed. 2/3/96 LAST NM 13/03			14/03
	Delete Danger circle "Obstns" (6(2)03 Hamburg)	53°50.2'N	7°54.5'E	
	Add Foul ground symbol [K31] (6(2)03 Hamburg)	53°50.2'N	7°54.5'E	
37226	17Ed. 12/27/97 LAST NM 12/03			14/03
	Delete Stranded wreck (8(44)03 Hamburg)	54°04'46"N	8°41'26"E	
	Add Drying height 0.2 meter "Obstn" (8(44)03 Hamburg)	54°04'37"N	8°41'29"E	
37228	14Ed. 7/25/98 LAST NM 8/03			14/03
	Delete Light (9(46)03 Hamburg; BA LL)	53°53'14.1"N	9°05'30.8"E	
37231	18Ed. 4/5/97 LAST NM 12/03			14/03
	Delete Danger circle "Obstns" (6(2)03 Hamburg)	53°50'11"N	7°54'33"E	
	Add Foul ground symbol [K31] (6(2)03 Hamburg)	53°50'12"N	7°54'32"E	
37330	2Ed. 7/12/97 LAST NM 13/03			14/03
	Delete R Bn (33(16)00 Brest)	49°06.5'N	2°48.8'W	
37401	9Ed. 1/31/98 LAST NM 13/03			14/03
	Add Danger circle "Obstn" [K40] (31(8)00 Brest)	46°07'34.8"N	1°11'15.6"W	

37402 7Ed. 11/1/97 LAST NM 13/03 14/03
 Add Danger circle "Obstn" [K40] 46°07'34.8"N 1°11'15.6"W
 (31(8)00 Brest)

37421 8Ed. 6/14/97 LAST NM 43/01 14/03
 (Panel 2)
 Delete Buoy "63a" 45°00'16.0"N 0°34'04.5"W
 Relocate Buoy "63" from 45°00'39.0"N 0°34'46.4"W
 to 45°00'28.8"N 0°34'27.6"W
 (31(10)00 Brest)

37423 5Ed. 3/8/97 LAST NM 37/97 14/03
 (Panel A)
 Delete Buoy "63a" 45°00'16.0"N 0°34'04.5"W
 Relocate Buoy "63" from 45°00'39.0"N 0°34'46.4"W
 to 45°00'28.8"N 0°34'27.6"W
 (31(10)00 Brest)

37481 7Ed. 5/27/00 LAST NM 7/03 14/03
 (Plan A)
 Delete "NOTE" 43°35'00"N 5°56'24"W
 (Supersedes 6/03-37481)
 Add Chartlet, depicting changes in hydrography and
 aids to navigation, from Subsection I-2
 43°34'30.0"N 5°55'00.0"W
 (47(863)01 Cadiz; Spn CH 4052)

42600 5Ed. 7/22/95 LAST NM 29/97 14/03
 Add Depth 8 meters 65°12.1'N 37°01.1'E
 Depth 17.6 meters 65°12.2'N 37°03.2'E
 Depth 22.2 meters 65°12.6'N 37°02.6'E
 Depth 8 meters, blue tint and enclosing depth
 contour (10-meter) 65°13.6'N 37°07.4'E
 Depth 7.5 meters, blue tint and enclosing depth
 contour (10-meter) 65°15.3'N 36°55.1'E
 Depth 11.2 meters 65°14.3'N 36°59.6'E
 (20(2855)01 St. Petersburg)

42620 5Ed. 6/24/95 LAST NM 12/02 14/03
 Add Depth 13.4 meters 65°11.7'N 37°03.1'E
 Depth 8 meters, blue tint and enclosing depth
 contour (10-meter) 65°12.1'N 37°01.1'E
 Depth 17.6 meters 65°12.2'N 37°03.2'E
 Depth 22 meters 65°12.6'N 37°02.6'E
 Depth 25 meters 65°10.9'N 37°09.4'E
 Depth 8 meters, blue tint and enclosing depth
 contour (10-meter) 65°13.6'N 37°07.4'E
 Depth 7.5 meters, blue tint and enclosing depth
 contour (10-meter) 65°15.3'N 36°55.1'E
 Depth 11.2 meters 65°14.3'N 36°59.6'E
 (20(2855)01 St. Petersburg)

44001 2Ed. 10/19/96 LAST NM 13/03 14/03
 Add Submarine cable [L30.1] joining 58°50.9'N 18°06.2'E
 58°41.8'N 18°08.3'E
 58°27.0'N 18°09.9'E
 58°20.0'N 18°19.8'E
 57°50.6'N 18°35.2'E
 (2(82)00 Norrkoping)

44015 8Ed. 7/22/95 LAST NM 13/03 14/03
 Add Submarine cable [L30.1] joining 58°50.9'N 18°06.2'E
 58°41.8'N 18°08.3'E
 58°27.0'N 18°09.9'E
 58°20.0'N 18°19.8'E
 57°50.6'N 18°35.2'E
 (2(82)00 Norrkoping)

44049 9Ed. 6/15/96 LAST NM 8/03 14/03
 Delete Beacon 55°34'35"N 12°54'34"E
 Beacon 55°34'29"N 12°54'45"E
 Add Depth 9.1 meters 55°36'59"N 12°53'43"E

(See 1/01-44049)
 (2(95), 3(125)00 Norrkoping)

44051 1Ed. 7/25/92 LAST NM 11/03 14/03
 Delete Beacon 55°34'34.8"N 12°54'33.6"E
 Beacon 55°34'29.4"N 12°54'45.0"E
 Relocate Buoy "13" from 55°37'27.0"N 12°59'22.8"E
 to 55°37'27.1"N 12°59'23.5"E
 Add Depth 9.1 meters, blue tint and enclosing depth
 contour (10-meter) centered 55°36'59.4"N 12°53'42.6"E
 (2(95), 3(125), 126)00 Norrkoping)

44160 7Ed. 4/5/97 LAST NM 13/03 14/03
 Add Submarine cable [L30.1] joining 58°51.5'N 18°05.4'E
 58°51.3'N 18°05.6'E
 58°50.9'N 18°06.2'E
 58°41.8'N 18°08.3'E
 58°27.0'N 18°09.9'E
 58°20.0'N 18°19.8'E
 57°50.6'N 18°35.2'E
 57°50.4'N 18°35.0'E
 (2(82)00 Norrkoping)

44240 8Ed. 7/19/97 LAST NM 13/03 14/03
 Add Beacon 63°27.6'N 19°48.6'E
 (3(106)00 Norrkoping)

44410 4Ed. 2/8/97 LAST NM 13/03 14/03
 Add Submarine cable [L30.1] joining 58°21.5'N 18°16.0'E
 58°20.0'N 18°19.8'E
 57°50.6'N 18°35.2'E
 57°50.4'N 18°35.0'E
 (2(82)00 Norrkoping)

44420 6Ed. 12/14/96 LAST NM 12/03 14/03
 Substitute Swept depth 4.4 meters Wk [K27] for depth 5
 meters Wk 56°53.7'N 21°08.6'E
 (20(2867)01 St. Petersburg)

44430 2Ed. 6/22/96 LAST NM 11/03 14/03
 Delete Buoy 55°47.0'N 20°55.9'E
 Buoy 55°38.0'N 20°48.0'E
 (32(4871)02 St. Petersburg)

51100 7Ed. 10/22/94 LAST NM 9/03 14/03
 Substitute Depth 16.3 meters enclosed by depth contour
 (20-meter) for 21 meters 42°46.1'N 9°11.2'W
 Depth 5 meters for 7.3 meters 42°45.2'N 9°12.4'W
 Add Depth 6.2 meters enclosed by depth contour
 (10-meter) 42°44.1'N 9°08.4'W
 Depth 1.6 meters 42°44.2'N 9°05.7'W
 and extend depth contour (10-meter) to enclose
 Depth 8.1 meters enclosed by depth contour
 (10-meter) 42°46.2'N 9°12.8'W
 Rock which covers and uncovers [K11] 42°45.9'N 9°08.2'W
 (1(11), 12)03 Cadiz)

51160 20Ed. 9/22/90 LAST NM 7/03 14/03
 Substitute Depth 197 meters for 246 meters 36°23.0'N 7°45.0'W
 (29(6)00 Brest)

51165 8Ed. 3/11/00 LAST NM 10/03 14/03
 Add "Being Reclaimed (2002)" area bound by shore
 and dashed line between 36°31'12.0"N 6°15'20.4"W
 36°31'07.2"N 6°15'03.0"W
 (49(848)02 Cadiz)

51200 4Ed. 7/25/98 LAST NM 45/98 14/03
 Add Danger circle "Well" [L21.1] 34°36.6'N 6°42.7'W
 (1(18)03 Cadiz)

SECTION I

NM 14/03

52039	4Ed. 11/2/02	LAST NM 13/03	14/03
Delete	Marine farm symbol	36°11'08"N 5°19'12"W	
Add	Marine farm symbol and legend "Buoyed"	36°09'41"N 5°19'14"W	
	(51(888, 889)02 Cadiz)		
52054	1Ed. 5/7/94	LAST NM 19/00	14/03
Add	Submarine pipeline (sewer) [L41.1] between	36°59'45.6"N 1°53'22.8"W	
		36°59'30.6"N 1°52'51.0"W	
	(46(798)02 Cadiz)		
52055	1Ed. 4/23/94	LAST NM 19/00	14/03
Add	Submarine pipeline (sewer) [L41.1] between	36°59'45.6"N 1°53'22.8"W	
		36°59'30.6"N 1°52'51.0"W	
	(46(798)02 Cadiz)		
52066	3Ed. 1/18/97	LAST NM 50/02	14/03
Relocate	Anchorage symbol from		
	37°14'43"N 1°45'38"W to	37°14'38"N 1°45'52"W	
Add	Submarine pipeline [L41.1] between	37°11'09"N 1°49'01"W	
		37°11'05"N 1°48'46"W	
	Submarine pipeline [L41.1] between	37°10'44"N 1°49'18"W	
		37°10'39"N 1°48'58"W	
	Submarine pipeline (sewer) [L41.1] between	37°07'38"N 1°49'51"W	
		37°07'32"N 1°49'17"W	
	Submarine pipeline (sewer) [L41.1] between	36°59'46"N 1°53'23"W	
		36°59'31"N 1°52'51"W	
	Submarine pipeline (sewer) [L41.1] between	37°15'01"N 1°46'07"W	
		37°14'43"N 1°45'33"W	
	(Plan)		
Add	Submarine pipeline [L41.1] between	37°11'08.7"N 1°49'00.5"W	
		37°11'04.8"N 1°48'45.6"W	
	Submarine pipeline [L41.1] between	37°10'43.8"N 1°49'17.8"W	
		37°10'39.0"N 1°48'58.2"W	
	(45(779), 46(798), 47(812), 48(826)02 Cadiz)		
52080	14Ed. 2/8/97	LAST NM 12/03	14/03
Add	Dangerous wreck [K28]	38°35.2'N 0°02.3'W	
	Dangerous wreck [K28]	38°46.7'N 0°12.3'E	
	(48(828), 52(906)02 Cadiz)		
52084	2Ed. 8/26/95	LAST NM 12/03	14/03
	(Plan A)		
Add	Dangerous wreck [K28]	38°35'13.8"N 0°02'16.2"W	
	(48(828)02 Cadiz)		
52086	2Ed. 8/5/95	LAST NM 11/03	14/03
	(Plan B)		
Delete	Note No. 3 in left bottom margin of chart		
	(See 4/03-52086)		
Add	Chartlet, depicting changes in hydrography,		
	topography, and aids to navigation, from		
	Subsection I-2	39°39'00"N 0°12'30"W	
	(34(629)01 Cadiz; Spn LL; Spn CH 4812)		
52088	2Ed. 3/30/96	LAST NM 12/03	14/03
Add	Dangerous wreck [K28]	38°35'14"N 0°02'16"W	
	(48(828)02 Cadiz)		
52122	14Ed. 1/13/01	LAST NM 11/03	14/03
Relocate	Legend "Dredged to 10m" from		
	41°21'07.1"N 2°10'28.0"E to	41°21'09.8"N 2°10'27.3"E	
Add	"Being Reclaimed (2002)" area bound by shore		
	and dashed line between	41°21'02.9"N 2°10'24.0"E	
		41°21'11.6"N 2°10'29.4"E	
	(50(877)02 Cadiz)		
52144	5Ed. 12/25/93	LAST NM 10/03	14/03
	(Plan)		
Add	Depth 3.1 meters, blue tint and enclosing depth		
	contour (5-meter)	39°33'49.5"N 2°37'49.8"E	
	Depth 3.1 meters, blue tint and enclosing depth		
	contour (5-meter)	39°33'45.8"N 2°37'49.5"E	
	Depth 3.4 meters, blue tint and enclosing depth		
	contour (5-meter)	39°33'24.6"N 2°37'47.4"E	
	Depth 4 meters, blue tint and enclosing depth		
	contour (5-meter)	39°32'54.0"N 2°37'28.8"E	
	(See 31/00-52144)		
	(48(831)02 Cadiz)		
52161	14Ed. 1/7/95	LAST NM 11/03	14/03
Add	Dangerous wreck [K28] (PD)	34°22'06"N 10°22'02"E	
	Platform (lighted) [L10]	34°41'48"N 11°05'12"E	
	Submarine pipeline [L40.1] joining	34°41'06"N 10°46'12"E	
		34°43'00"N 10°46'42"E	
		34°46'54"N 10°56'24"E	
		34°43'56"N 11°05'37"E	
		34°41'48"N 11°05'12"E	
	Submarine pipeline [L40.1] between	34°43'56"N 11°05'37"E	
		34°42'56"N 11°06'31"E	
	Submarine pipeline [L40.1] between	34°43'56"N 11°05'37"E	
		34°41'21"N 11°05'43"E	
	(See 06/03-52161)		
	(Plan A)		
Add	Submarine pipeline [L40.1] joining	34°43'06.0"N 10°46'12.0"E	
		34°43'00.0"N 10°46'42.0"E	
		34°44'20.0"N 10°49'06.0"E	
	(29(15)00 Brest; 16(03)00 Bizerte)		
52164	2Ed. 11/26/94	LAST NM 34/01	14/03
Add	Dangerous wreck [K28] (PD)	34°22.10'N 10°22.03'E	
	(29(15)00 Brest)		
52170	3Ed. 7/8/95	LAST NM 3/02	14/03
Relocate	Buoy "Kerkennah 1" from		
	35°06.5'N 11°32.5'E to	35°03.2'N 11°31.5'E	
	(20(02)01 Bizerte)		
53031	1Ed. 5/2/92	LAST NM 12/03	14/03
Delete	R Bn at light	42°59.0'N 6°12.4'E	
	R Bn at light	42°30.9'N 3°08.2'E	
	(33(18, 19)00 Brest)		
53060	14Ed. 9/30/89	LAST NM 12/03	14/03
Delete	R Bn at light	42°59.0'N 6°12.4'E	
	R Bn at light	42°30.9'N 3°08.2'E	
	(33(18, 19)00 Brest)		
53062	13Ed. 1/22/94	LAST NM 1/03	14/03
Change	Visibility (range) of light to 6M	43°14'46.6"N 5°21'50.0"E	
	(32(26)00 Brest)		
53084	6Ed. 6/25/94	LAST NM 51/02	14/03
Add	Buoy YB, pillar, double cone topmark points		
	downward, VQ(6) + L Fl 10s	43°33'12.0"N 7°06'52.2"E	
	(31(13)00 Brest)		
53085	6Ed. 7/18/92	LAST NM 51/02	14/03
Add	Buoy YB, pillar, double cone topmark points		
	downward, VQ(6) + L Fl 10s	43°33'12.0"N 7°06'52.2"E	
	(31(13)00 Brest)		
54318	3Ed. 3/9/96	LAST NM 1/03	14/03
Add	Light Fl G 4s 7m 5M	35°31'15"N 24°00'55"E	
	(Plan)		
Delete	Buoy	35°31'15.0"N 24°00'56.1"E	
Add	Light Fl G 4s 7m 5M	35°31'15.0"N 24°00'55.0"E	
	(8(215)02 Athens)		

55001 (INT 310) 4Ed. 1/21/95 LAST NM 42/02 14/03
 Add Light Fl R 15M 44°50.4'N 34°58.4'E
 (19(2768)98 St. Petersburg)

55104 2Ed. 4/20/96 LAST NM 7/03 14/03
 Delete Buoy 44°29'04"N 33°37'03"E
 Buoy 44°28'46"N 33°37'08"E
 (27(4034)98 St. Petersburg)

55105 7Ed. 2/6/99 LAST NM 42/02 14/03
 Add Light Fl R 15M 44°50.4'N 34°58.4'E
 (19(2768)98 St. Petersburg)

55120 2Ed. 6/15/96 LAST NM 6/03 14/03
 Add Danger circle "Subm buoy" 44°51.9'N 31°39.2'E
 (9(1134)01 St. Petersburg)

55127 2Ed. 4/20/96 LAST NM 10/03 14/03
 Change Legend to "6.8m (2001)" 46°56'50.0"N 37°28'13.0"E
 Legend to "6.8m (2001)" 46°59'02.0"N 37°28'54.0"E
 Legend to "3.6m (2001)" 47°03'36.0"N 37°32'50.0"E
 (Plan)
 Change Legend to "6.8m (2001)" 47°02'32.0"N 37°30'04.0"E
 Legend to "3.6m (2001)" 47°02'21.0"N 37°31'07.0"E
 (31(4726)01 St. Petersburg)

55128 2Ed. 3/18/00 LAST NM 8/03 14/03
 (Plan)
 Relocate Light from 44°43'21.3"N 37°48'55.4"E to
 44°43'20.6"N 37°48'55.4"E
 (See 1/03-55128)
 (50(7868)02 St. Petersburg)

55130 2Ed. 2/8/97 LAST NM 5/03 14/03
 Add Danger circle "Subm buoy" 44°51.9'N 31°39.2'E
 (9(1134)01 St. Petersburg)

55133 3Ed. 1/27/96 LAST NM 5/03 14/03
 Change Range light, rear to FR Bu G 4-3M 44°05'49.0"N 39°04'08.0"E
 (Plan)
 Change Range light, rear to FR Bu G 37m 4-3M 44°05'49.2"N 39°04'09.0"E
 (27(4036)98 St. Petersburg)

55140 2Ed. 9/28/96 LAST NM 5/03 14/03
 Add Light Fl R 5s 23m 15M 44°50.4'N 34°58.4'E
 (19(2768)98 St. Petersburg)

71027 9Ed. 9/19/98 LAST NM 5/03 14/03
 Add Depth 23 meters Wk [K26] 2°58.7'N 110°29.3'E
 Depth 28 meters "Rep" [I3.1] 2°35.8'N 110°56.2'E
 (6(676, 677)03 Taunton)

71033 31Ed. 2/3/96 LAST NM 12/03 14/03
 Add Rock awash [K12] 1°43.6'S 109°08.9'E
 Rock awash [K12] 1°45.1'S 109°05.7'E
 (6(682)03 Taunton)

71036 8Ed. 6/7/97 LAST NM 12/03 14/03
 Add Rock awash [K12] 1°43.6'S 109°08.9'E
 Rock awash [K12] 1°45.1'S 109°05.7'E
 Depth 16.4 meters 1°45.6'S 109°20.5'E
 Depth 16.1 meters 1°46.8'S 109°18.8'E
 Legend "Less water rep (1998)" between
 1°52.7'S 109°12.9'E
 1°44.5'S 109°24.2'E
 (6(682)03 Taunton)

71247 18Ed. 7/10/99 LAST NM 8/03 14/03
 Change Legend "14.1m" to "15m" 1°15'46.6"N 103°50'14.8"E
 Legend "13.9m" to "15m" 1°15'39.9"N 103°50'21.9"E
 (12(115)00 Singapore)

71253 10Ed. 12/27/97 LAST NM 13/03 14/03
 Change Legend "3.6m" to "4.3m" 1°18'06.0"N 103°41'42.6"E
 Legend "10.2m" to "8.6m" 1°18'24.3"N 103°43'03.6"E
 (4(30), 5(47)01 Singapore)

71255 5Ed. 8/7/99 LAST NM 6/03 14/03
 Change Legend "3.6m" to "4.3m" 1°18'06.0"N 103°41'42.6"E
 (4(30)01 Singapore)

71320 1Ed. 11/21/87 LAST NM 5/03 14/03
 (Panel B)
 Add Depth 25 meters Wk [K26] 6°28.2'N 116°14.5'E
 Depth 25 meters Wk [K26] 6°27.6'N 116°13.9'E
 (6(675)03 Taunton)

71350 8Ed. 5/15/82 LAST NM 7/03 14/03
 Add Depth 12 fathoms Wk [K26] 2°58.7'N 110°29.3'E
 Depth 15 fathoms "Rep" [I3.1] 2°35.8'N 110°56.2'E
 (6(676, 677)03 Taunton)

71400 5Ed. 9/29/84 LAST NM 11/02 14/03
 Add Depth 9 fathoms 1°45.6'S 109°20.5'E
 Depth 8³/₄ fathoms 1°46.8'S 109°18.8'E
 Legend "Less water rep (1998)" between
 1°52.7'S 109°12.9'E
 1°45.5'S 109°24.2'E
 (6(682)03 Taunton)

71420 1Ed. 9/5/87 LAST NM 12/03 14/03
 Add Depth 10 meters "Rep (2001)" (PA) 2°01.4'S 107°07.9'E
 (44(4384)01 Taunton)

71470 2Ed. 3/22/97 LAST NM 38/02 14/03
 (Panel B)
 Add Rock awash [K12] 1°43.6'S 109°08.9'E
 Rock awash [K12] 1°45.1'S 109°05.7'E
 Depth 16.4 meters 1°45.6'S 109°20.5'E
 (6(682)03 Taunton)

★81054 13Ed. 2/03 NEW EDITION 14/03
 (NOS)

93010 6Ed. 1/9/99 LAST NM 13/03 14/03
 Add Depth 24 meters Wk [K26] 6°17.1'N 102°45.4'E
 (6(657)03 Taunton)

93018 8Ed. 3/6/99 LAST NM 1/03 14/03
 Add Depth 24 meters Wk [K26] 6°17.1'N 102°45.4'E
 (6(657)03 Taunton)

93048 1Ed. 11/20/82 LAST NM 5/03 14/03
 Add Depth 25 meters Wk [K26] 6°28'10"N 116°14'28"E
 Depth 25 meters Wk [K26] 6°27'38"N 116°13'52"E
 (6(675)03 Taunton)

93160 4Ed. 11/24/01 LAST NM 1/03 14/03
 Add Depth 24 meters Wk [K26] 6°17'05"N 102°45'22"E
 (6(657)03 Taunton)

94016 2Ed. 9/23/95 LAST NM 10/03 14/03
 Delete Superbuoy ODAS "F1" 28°10.0'N 126°20.0'E
 (45(1620)00 Tokyo)

94028 7Ed. 9/16/95 LAST NM 11/03 14/03
 Add R Bn [S10] at light 33°07.0'N 126°16.2'E
 (See 25/02-94028)
 (30(351)00 Inchon)

94060 10Ed. 5/18/96 LAST NM 12/03 14/03
 Add Light Fl 6s 10m 10M 25°19.4'N 119°28.6'E
 (1(4)03 Tianjin)

SECTION I

NM 14/03

94187	3Ed. 4/20/96	LAST NM 32/02	14/03
Relocate	Buoy "3" from 27°57'48.0"N 120°58'00.5"E	27°57'41.8"N 120°58'00.5"E	
	to Buoy "S4" from 27°58'37.8"N 120°57'45.9"E	27°58'51.8"N 120°58'18.5"E	
	(See 32/02-94187)		
Add	Buoy YBY, pillar, double cone topmark points together, Q(9) 15s	27°58'19.8"N 120°57'00.5"E	
	(39(712, 713)02 Tianjin)		
94420	3Ed. 9/23/95	LAST NM 13/03	14/03
Add	Light Fl(2) 6s 32m 8M	37°55.9'N 120°40.1'E	
	Light Fl 6s 48m 8M	37°58.0'N 120°38.4'E	
	Light Fl 3s 25m 8M	37°58.8'N 120°39.2'E	
	(26(485)02 Tianjin; Cna LL)		
95060	13Ed. 8/5/95	LAST NM 11/03	14/03
Add	Light Fl G 6s 17m 15M	36°40.6'N 126°07.5'E	
	(28(335)00 Inchon; ROK LL)		
95068	1Ed. 10/23/99	LAST NM 12/03	14/03
Add	Dashed line with legend "Works in progress (2000-2004)" joining	37°00'13.6"N 126°46'57.6"E	
		37°00'25.7"N 126°46'45.0"E	
		37°00'45.6"N 126°47'14.8"E	
		37°00'46.3"N 126°47'20.2"E	
		37°00'41.5"N 126°47'25.1"E	
		37°00'45.2"N 126°47'52.1"E	
	(29(342)00 Inchon)		
95080	13Ed. 6/24/95	LAST NM 10/03	14/03
Add	Light Fl G 6s 17m 15M	36°40'37"N 126°07'33"E	
	(28(335)00 Inchon; ROK LL)		
95101	8Ed. 7/8/95	LAST NM 9/03	14/03
Add	Light Fl R 6s 9m 5M	34°20'07"N 126°36'12"E	
	(29(341)00 Inchon)		
95102	8Ed. 8/12/95	LAST NM 8/03	14/03
Add	Light Fl R 6s 9m 5M	34°20'07"N 126°36'12"E	
	(29(341)00 Inchon)		
95120	7Ed. 12/2/95	LAST NM 4/03	14/03
Add	R Bn [S10] at light	33°07'03"N 126°16'10"E	
	(30(351)00 Inchon)		
95162	2Ed. 2/12/94	LAST NM 10/03	14/03
Delete	Legend "Anchorage Area"	37°30'30.0"N 129°08'42.0"E	
Add	Anchor berth "A1" [N11.2], radius 280 meters, centered	37°29'56.0"N 129°09'27.0"E	
	Anchor berth "A2" [N11.2], radius 280 meters, centered	37°30'11.0"N 129°09'07.0"E	
	Anchor berth "A3" [N11.2], radius 280 meters, centered	37°30'32.0"N 129°08'58.0"E	
	Anchor berth "A4" [N11.2], radius 250 meters, centered	37°30'31.0"N 129°08'32.0"E	
	Anchor berth "A5" [N11.2], radius 250 meters, centered	37°30'56.0"N 129°08'26.0"E	
	Anchor berth "B1" [N11.2], radius 400 meters, centered	37°30'35.0"N 129°09'31.0"E	
	Anchor berth "B2" [N11.2], radius 400 meters, centered	37°30'57.0"N 129°09'54.0"E	
	Anchor berth "B3" [N11.2], radius 400 meters, centered	37°30'57.0"N 129°09'04.0"E	
	Note "ANCHORAGES Anchor berths A1, A2, A3 for vessels less than 30,000 gross tons. Anchor berths A4 and A5 for vessels less than 10,000 gross tons. Anchor berths B1, B2, B3 for vessels less than 50,000 gross tons."	37°29'48.0"N 129°07'30.0"E	
	(31(356)00 Inchon)		
95163	2Ed. 6/4/94	LAST NM 10/03	14/03
Add	Double solid line with land tint (bridge) [D22] between	36°02'24.7"N 129°22'13.3"E	
		36°02'23.9"N 129°22'20.4"E	
	(5(67)02 Inchon)		
95167	10Ed. 9/26/98	LAST NM 11/03	14/03
Delete	Buoy "A"	36°02'27.8"N 129°22'17.6"E	
	Buoy "B"	36°02'23.8"N 129°22'16.6"E	
	Buoy "C"	36°02'19.8"N 129°22'16.1"E	
Add	Double solid line with land tint (bridge) [D22] between	36°02'24.7"N 129°22'13.3"E	
		36°02'23.9"N 129°22'20.4"E	
	Light Iso 4s 8m 7M	36°02'24.3"N 129°22'16.6"E	
	(30(349)00, 4(55), 5(67)02 Inchon)		
95281	15Ed. 1/17/98	LAST NM 10/03	14/03
Add	Solid line (breakwater) [F4.1] between	35°44'03.2"N 136°02'31.4"E	
		35°44'05.4"N 136°02'29.6"E	
	(8(264)03 Tokyo)		
97042	7Ed. 6/6/98	LAST NM 46/01	14/03
Delete	Light	39°16'05.0"N 141°55'42.0"E	
Add	Light Fl(2) R 6s 16m 8M	39°15'33.0"N 141°55'54.1"E	
	(5(149)03 Tokyo)		
97043	2Ed. 6/13/98	LAST NM 23/02	14/03
Delete	Light	39°16'05.0"N 141°55'42.0"E	
Change	Light to Fl(2) R 6s 16m 8M	39°15'32.5"N 141°55'54.6"E	
	(See 23/02-97043)		
	(5(149)03 Tokyo)		
97060	8Ed. 9/6/97	LAST NM 12/03	14/03
Delete	Light	39°16'05"N 141°55'42"E	
Add	Light Fl(2) R 6s 16m 8M	39°15'32"N 141°55'55"E	
	(5(149)03 Tokyo)		
97064	2Ed. 2/19/94	LAST NM 6/03	14/03
Add	"Being reclaimed (2003)" area bound by shore and dashed line between	38°24'09.7"N 141°17'10.7"E	
		38°24'00.0"N 141°17'12.0"E	
	(See 33/99, 8/02-97064)		
	(8(265)03 Tokyo)		
97120	6Ed. 8/9/97	LAST NM 9/03	14/03
Change	Light to Fl 10s 107m 23M	35°18.0'N 139°28.7'E	
	(5(144)03 Tokyo)		
97140	17Ed. 6/28/97	LAST NM 9/03	14/03
Change	Light to Fl 10s 107m 23M	35°18.0'N 139°28.7'E	
	(5(144)03 Tokyo)		
97151	16Ed. 7/5/97	LAST NM 13/03	14/03
Substitute	Beacon "1" G, can topmark, Fl(2) G 6s 9m 5M	35°32'14.0"N 139°57'15.0"E	
	for buoy		
	Beacon "2" R, cone topmark, Fl(2) R 6s 9m 5M for buoy	35°31'58.0"N 139°57'26.0"E	
	Beacon "3" G, can topmark, Fl G 3s 9m 4M for buoy	35°32'46.0"N 139°58'29.0"E	
	Beacon "4" R, can topmark, Fl R 3s 9m 4M for buoy	35°32'36.0"N 139°58'36.0"E	
	(8(266)03 Tokyo)		
97156	6Ed. 10/10/98	LAST NM 1/03	14/03
Change	Light to Fl 10s 107m 23M	35°17'59.1"N 139°28'42.3"E	
	(Plan C)		
Delete	Light	35°17'58.2"N 139°28'43.5"E	
Add	Light Fl 10s 107m 23M	35°17'59.1"N 139°28'42.3"E	
	(5(144)03 Tokyo)		
97159	6Ed. 8/3/91	LAST NM 7/03	14/03
Delete	Light	34°39'51"N 138°47'29"E	
Add	Light Fl(2) R 6s 17m 7M	34°39'47"N 138°46'54"E	
	(3(87)99 Tokyo; Jpn LL)		

97163 14Ed. 9/2/95 LAST NM 23/02 14/03
 Delete Light 35°01'05.1"N 138°29'45.7"E
 Light 35°02'19.0"N 138°31'24.0"E

Add Light Fl R 3s 9m 6M 35°01'02.3"N 138°29'49.8"E
 Light Iso G 8s 6m 3M 35°02'19.8"N 138°31'26.7"E

Double solid line with land tint (breakwater extension) between 35°02'18.8"N 138°31'24.5"E
 35°02'20.1"N 138°31'26.8"E

Double dashed line (groin) [F6.3] with legend "Under construction" between 35°02'26.9"N 138°31'14.0"E
 35°02'18.9"N 138°31'00.9"E

Solid line (groin) [F6.1] joining 35°02'45.9"N 138°31'00.6"E
 35°02'31.8"N 138°31'13.6"E
 35°02'28.2"N 138°31'13.0"E
 35°02'26.7"N 138°31'14.2"E

Solid line (groin) [F6.1] joining 35°02'18.7"N 138°31'01.1"E
 35°02'19.7"N 138°31'00.3"E
 35°02'17.6"N 138°30'57.0"E

Legend "Being Reclaimed (2003)" 35°02'30.0"N 138°31'06.0"E

Submarine cable [L30.1] between 35°00'29.4"N 138°29'51.1"E
 35°00'29.4"N 138°30'09.2"E
 (41(1671)99, 41(1468)00, 26(981)01, 13(442), 5(151)03, 7(224)03 Tokyo)

97164 1Ed. 5/18/91 LAST NM 7/03 14/03
 Relocate Light from 35°01'05.1"N 138°29'45.7"E to 35°01'02.3"N 138°29'49.8"E

Change Light to Iso G 8s 6m 3M 35°02'19.8"N 138°31'26.7"E
 (41(1671)99, 13(442)02 Tokyo)

97181 20Ed. 3/26/94 LAST NM 13/03 14/03
 Add Fish haven symbol [K46.1] 34°25'21"N 136°56'11"E
 (8(269)03 Tokyo)

97182 13Ed. 1/1/94 LAST NM 12/03 14/03
 Add Fish haven symbol [K46.1] 34°25'21.0"N 136°56'11.0"E
 (8(269)03 Tokyo)

97183 9Ed. 3/21/98 LAST NM 9/03 14/03
 Substitute Beacon "2" R, cone topmark, Fl(2) R 6s 8m 34°57'08"N 136°47'29"E
 5M for buoy
 Beacon "4" R, cone topmark, Fl R 3s 8m 5M for buoy 34°57'57"N 136°48'09"E
 Beacon "6" R, cone topmark, Fl R 3s 8m 4M for buoy 34°58'57"N 136°48'56"E
 (8(268)03 Tokyo)

97184 15Ed. 9/13/97 LAST NM 12/03 14/03
 Substitute Beacon "6" R, cone topmark, Fl R 3s 8m 4M for buoy 34°58'57.0"N 136°48'56.0"E
 Beacon "8" R, cone topmark, Fl R 3s 8m 4M for buoy 34°59'37.0"N 136°49'28.0"E
 Beacon "10" R, cone topmark, Fl R 3s 8m 4M for buoy 35°00'03.0"N 136°49'50.0"E
 Beacon "12" R, cone topmark, Fl R 3s 8m 4M for buoy 35°00'51.0"N 136°50'28.0"E
 (See 28/02-97184)
 (8(268)03 Tokyo)

97189 2Ed. 8/9/97 LAST NM 9/03 14/03
 Substitute Beacon "2" R, cone topmark, Fl(2) R 6s 8m 5M for buoy 34°57'08.0"N 136°47'29.0"E
 Beacon "4" R, cone topmark, Fl R 3s 8m 5M for buoy 34°57'57.0"N 136°48'09.0"E
 Beacon "6" R, cone topmark, Fl R 3s 8m 4M for buoy 34°58'57.0"N 136°48'56.0"E
 Beacon "8" R, cone topmark, Fl R 3s 8m 4M for buoy 34°59'37.0"N 136°49'28.0"E
 Beacon "10" R, cone topmark, Fl R 3s 8m 4M for buoy 35°00'03.0"N 136°49'50.0"E
 (See 28/02-97189)
 (8(268)03 Tokyo)

97266 5Ed. 7/5/97 LAST NM 7/03 14/03
 Delete Buoy 33°57'27"N 131°52'36"E
 (3(94)99 Tokyo)

97272 11Ed. 6/14/97 LAST NM 12/03 14/03
 Delete Buoy "1" 33°57'27"N 131°52'36"E

Change Buoy "3" to "1" G, pillar, can topmark, Fl(2) G 6s 33°58'16"N 131°52'55"E
 Buoy "3" G, pillar, can topmark, Fl G 3s 33°58'56"N 131°52'12"E
 (3(94)99 Tokyo)

97273 10Ed. 5/21/94 LAST NM 13/03 14/03
 Delete Buoy 33°57'15"N 131°52'45"E
 (3(94)99 Tokyo)

97277 11Ed. 11/27/93 LAST NM 9/03 14/03
 Delete Buoy 33°57'15"N 131°52'45"E

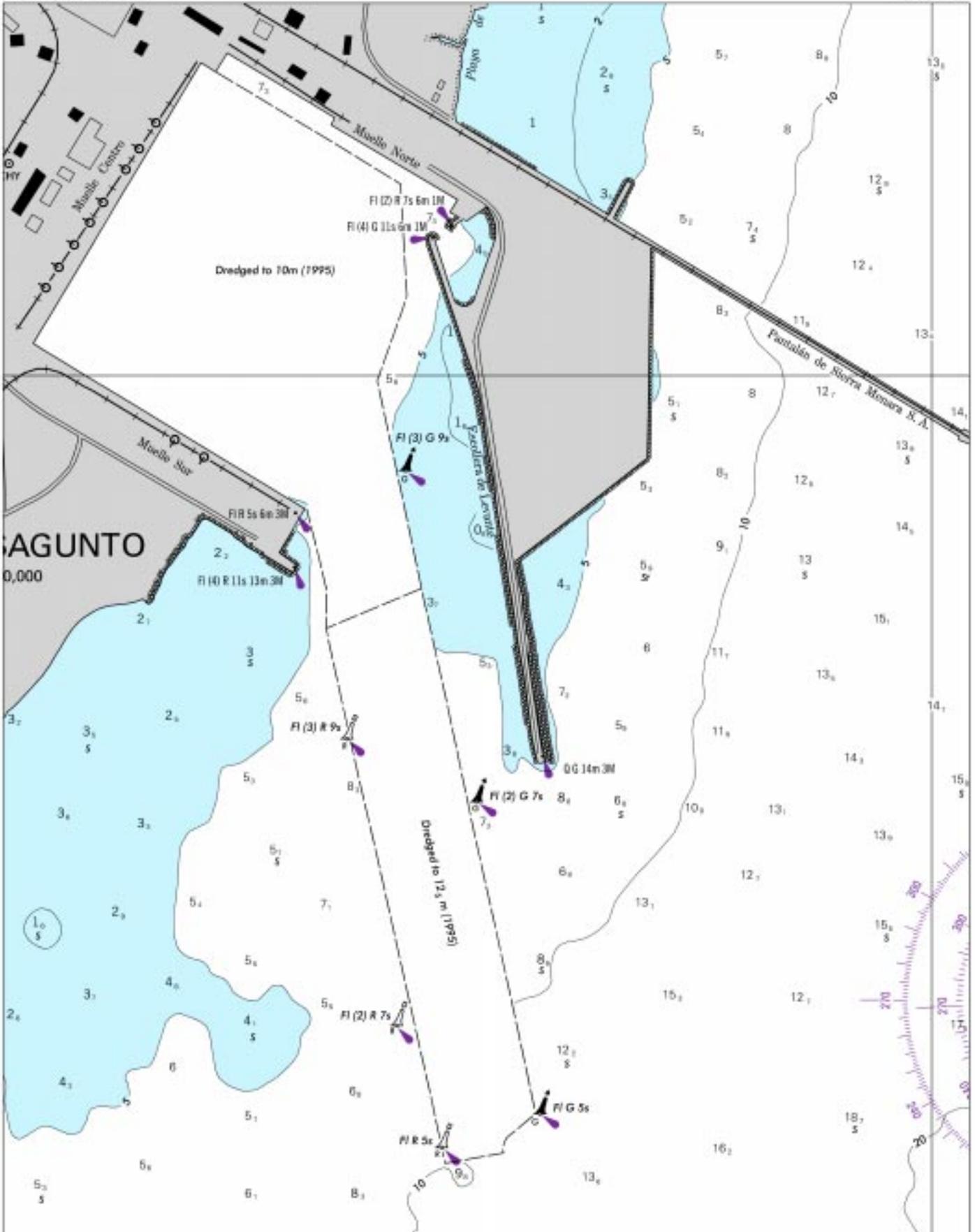
Change Buoy to "1" G, pillar, can topmark, Fl(2) G 6s 33°58'04"N 131°53'04"E
 (3(94)99 Tokyo)

97320 6Ed. 1/18/97 LAST NM 33/02 14/03
 Delete Buoy 32°22.9'N 132°51.8'E
 (8(270)03 Tokyo)

808365 2Ed. 11/18/75 LAST NM N19/00 N14/03
 Add Submarine pipeline (sewer) [L41.1] between 36°59'50"N 1°53'19"W
 36°59'35"N 1°52'47"W
 (46(798)02 Cadiz)

Chart 52086 (Plan B)

NM 14/03



SECTION I

NM 14/03

Chart 12222

NM 14/03

NORFOLK HARBOR AND APPROACHES								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
THIMBLE SHOAL CHANNEL (A)								
NORTH ELEMENT (B)	47.6	46.5	45.6	44.1	6,7,9-00	350	13.0	55
SOUTH ELEMENT (C)	49.7	50.0	49.7	50.3	6,7,9-00	650	13.0	55
NORTH AUXILIARY CHANNEL (D)						450		32
SOUTH AUXILIARY CHANNEL (D)						450		32
NORFOLK HARBOR								
ENTRANCE REACH	50.3	51.5	52.9	52.0	4-99	1000	1.4	50
NORFOLK HARBOR REACH	51.3	50.8	45.6	45.4	9,10-02	1250-800	3.8	55
CRANEY ISLAND REACH	48.8	51.5	50.8	46.1	9,10-02	800	2.1	55
LAMBERTS BEND	38.9	45.8	40.0	37.5	3-02	750	0.3	45
PORT NORFOLK REACH	38.0	40.0	40.3	38.6	3-02	750	2.0	45
NEWPORT NEWS CHANNEL	48.7	50.1	50.6	50.3	5,6-02	800	4.2	55
CAPE HENRY CHANNEL	47.9	48.8	49.0	48.5	2,3,6-00	1000	1.4	50
YORK SPIT CHANNEL	38.5	49.5	50.1	45.9	11,12-99;2,3-00	1000(E)	18.4	50
A. THIS CHANNEL IS RESTRICTED TO EXCLUDE VESSELS AND TOWS DRAWING LESS THAN 25 FEET. B. PORTION OF PROJECT MAINTAINED TO 45 FEET C. PORTION OF PROJECT MAINTAINED TO 50 FEET D. PROJECT MAINTENANCE DISCONTINUED E. CHANNEL WIDTH MAINTAINED TO 800 FEET NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 12245

NM 14/03

NORFOLK HARBOR AND NEWPORT NEWS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO OCT 2002								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
NORFOLK HARBOR ENTRANCE REACH	50.3	51.5	52.9	52.0	4-99	1000	1.4	50
NORFOLK HARBOR REACH	51.3	50.8	45.6	45.4	9,10-02	1250-800	3.8	55
CRANEY ISLAND REACH	48.8	51.5	50.8	46.1	9,10-02	800	2.1	55
NEWPORT NEWS CHANNEL	48.7	50.1	50.6	50.3	5,6-02	800	4.2	55
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11320	1	N28/02	11400	34	23,39/02;4,9,11,12,13/03	11514	26	37*,40,49/02;4,5/03
50	5	17/02	11321	29	22,28,39,40,41,45/02	11401	29	23/02	11516	29	18,24,37,49/02
52	1	18/02	11322	27	21,22,24,36,37,49/02; 4/03	11404	21	15,23,50/02;9/03	11517	17	32/02
53	2	17/02				11405	28	31/02*;9/03	11518	33	14/03*
70	4	7/03	11323	59	26*,28,33,37,39,45/02;1, 6,7,9/03	11406	11	9/03	11520	40	31*,39,40,44,46,51/02;4, 6,7,8/03
71	4	7/03				11407	18	15/02*			
72	4	7/03	11324	32	22*,24,25,31,33,37/02;1, 6,7,9,10/03	11408	28	3/03*	11521	26	15*,17,32,35/02;9/03
101	3	48/02				11409	27	4,11/03	11523	21	15*,17,32,35,52/02;5, 9/03
108	9	32,35/02	11325	34	19*,21,24,35,37,49/02;4, 6,8/03	11411	14	43*,45/02;7/03			
301	1	14/03				11412	41	42*,45/02;1,6,7,11,12,13, 14/03	11524	46	8*,11,12,13/03
302	1	2/03	11326	31	7*,9/03				11525	6	N17,N19,N23,N39,N40, N44,N46,N51/02;N4,N6, N8/03
310	20	2,14/03	11327	30	16,21,22,24,28,37,49/02; 1/03	11415	5	42*,45/02;1,2,7,14/03			
400	3	23,26,31,32,33,35,45/02	11328	22	21,36,37,39,47,49/02;4, 6/03	11416	5	42,48/02;1,2,6,11,12, 14/03	11527	16	37/02
401	5	22,23,26,31,33,35,45/02; 14/03				11420	26	20,39,42/02;4,7,8/03	11531	21	31/02*;11/03
411	48	16,22,23,26,31,32,33,35, 40,42,45,50/02;5,6,14/03	11329	34	21,24,36,37,39,47,49/02; 1,4,8,10/03	11423	7	N20,N24,N39,N42/02; N4,N8/03	11532	20	15*,37/02
501	12	9*,10/03				11424	18	14/03	11534	31	32/02;7,13/03
502	2	52/02	11330	14	2*,4,6,7,8/03	11425	34	46*,49/02;4/03	11535	12	25,46/02
507	2	45/02	11331	18	17,23/02;8/03	11426	35	31/02*	11536	15	19*,40/02;4,7/03
508	2	15,24,45/02	11332	28	42*,43,49,51/02;6/03	11427	33	2/03*	11537	33	17,20,23,31,32,33,39,40, 42,44,50/02;4,5,7,10, 13/03
513	6	17,38/02	11333	1	N28/02	11428	32	52/02*;6/03			
520	127	20,38/02	11340	67	2*,5,6,7,8,9,14/03	11429	21	47/02*	11539	18	39,44,51/02;6/03
521	11	17/02	11341	39	14/03*	11430	24	16/02;14/03	11541	33	8*,9,14/03
522	87	18/02	11342	51	17,21,23,24,30,37,43, 49/02;4,8/03	11431	12	31/02*	11542	15	39/02
523	8	17/02	11343	36	17,21,23,37,40,49/02;4, 8/03	11434	24	21/02*	11543	22	18,29,39/02;8/03
524	12	18,47/02				11435	13	N20/02;N8/03	11544	37	36/02*;8/03
525	3	18/02	11344	35	9/03*	11438	11	7,8/03	11545	60	45*,47/02;6,8,14/03
526	10	18,47/02;6/03	11345	31	9/03*	11439	25	15/02*;6,7/03	11547	35	22*,25,29,30,37,47/02;6, 8,14/03
530	30	22*,26,37,38,40,52/02;6, 10/03	11347	33	42*,43,47,49/02;4,6,7, 8/03	11441	39	36/02;6,7/03			
531	21	18*,47,52/02	11348	19	23/02;6,7/03	11442	33	6,7/03	11548	38	47/02*
532	17	17,38/02	11349	40	38*,42,51/02	11445	30	7/03	11553	28	8/03*
540	16	51/02	11350	24	15/02*	11446	30	36/02;7/03	11555	38	36/02*;7/03
541	2	6/03	11351	37	15,16,19,22,27,28,30,33, 36,37,38,40,47,51/02;5,6, 7,8/03	11447	35	38/02*	12200	47	38*,42,52/02;7,12/03
550	7	18,24,45/02;6/03				11448	14	7/03	12201	25	N15,N17,N19,N23,N42, N52/02;N7,N12/03
601	4	6,8/03				11449	16	7/03			
602	6	47/02;6/03	11352	36	3*,7,8,9/03	11450	8	26*,28/02	12204	35	10/03*
603	6	47/02;10/03	11353	2	21*,24,25,26,35,38,43, 45,49/02;4,5,7/03	11451	30	22,28,43/02;7,9/03	12205	27	37*,43,52/02
604	5	18/02				11452	21	31/02*	12206	29	31*,33,38,46/02;10/03
605	4	6/03	11354	23	15,16,19,22,27,28,33,37, 38,40,47,51/02;7,8/03	11453	16	7/03	12207	20	23,50,52/02
621	5	22/02				11460	38	36*,50/02;6,13/03	12208	8	18,23,50,52/02
622	9	20,47/02;6/03	11355	24	37*,40,51/02	11461	5	28/02;7/03	12210	36	8/03*
623	9	47/02	11356	34	28,29,39,40,42,45,47, 51/02;6,7/03	11462	24	22*,28/02	12211	41	10/03*
624	3	22/02				11463	16	7/03	12214	44	14/03*
632	8	15,24,45/02	11357	35	36*,37,40,42,51/02;6, 9/03	11464	16	28/02;7/03	12216	27	47/02*
702	5	7/03				11465	36	52/02*	12221	73	52/02*;1,4,6,7/03
703	4	46/02;7/03	11358	51	23*,24,26,27,31,39,42, 51/02;7/03	11466	35	15,24,26,27,28,29,30,35, 50/02;7,9,12/03	12222	43	14/03*
705	3	46,52/02				11467	37	47*,50/02;4,12/03	12224	23	8/03*
709	2	50/02	11359	11	22*,26,39/02	11468	39	42*,43,49/02	12225	53	28*,30,31,47/02;4,6,7/03
800	4	17/02	11360	40	1*,2,5,6,8/03	11469	5	15,24,27,35,50/02;7,9, 12/03	12226	16	22,30/02;7/03
803	1	17/02	11361	69	16,17,19,22,24,25,26,27, 31,34,36,45,51/02;6/03	11470	36	10*,12/03	12228	29	43/02*
1113A		20,39,42/02;4,7,8/03				11471	31	8/03*	12230	59	52/02*;1,7,14/03
1114A		23,39/02;4,9,11,12,13/03	11362	4	N16,N17,N18,N22,N23, N24,N28,N29,N31,N33, N36,N39,N40,N47/02; N2,N5,N6,N8/03	11472	10	16/02;6/03	12231	26	31,35,46/02;7/03
1115A		1*,2,5,6,8/03				11473	16	16/02;6/03	12233	35	3*,4,5,6,14/03
1116A		2*,5,6,7,8,9,14/03	11363	38	26*,29,35,38,40,43,49, 51/02;4,5,7/03	11474	10	16/02;6/03	12235	29	30,31,47/02;4,6,7/03
1117A		28*,30,31,37,39,40,41, 42,45,51/02;1,6,7,8/03				11475	16	16,27,51/02;13/03	12237	26	27,47/02
11004	7	15,16,18,22,26,28,31,37, 39,40,42,43,45,47,51/02; 5,6,7,8,9,14/03	11364	39	3*,4,5,8,9/03	11476	19	16/02;6/03	12238	37	46/02*;1,4,7/03
11006	30	28*,36,39,40/02;2,6/03	11365	17	52/02*;9/03	11477	6	N16/02	12241	21	16,34,44/02;7/03
11009	36	19,23,24,32,35,44,51/02; 6,12/03	11366	7	48*,51/02;5,6,7,8/03	11478	19	15,16,31,49/02;6/03	12245	61	14/03*
11013	44	18*,20,35,50/02;6,7,8,9, 13/03	11367	31	16,17,25,33/02	11479	4	N15,N24,N27,N28,N29, N35,N50/02;N6/03	12248	39	18*,30,33,40,50/02;4,5,6, 8/03
11300	38	26*,28,30,31,37,39,40, 41,42,45,51/02;1,6,7, 8/03	11368	22	38/02*	11480	37	32,35/02;1/03	12251	23	35/02;4,6,7/03
11301	23	21,37/02	11369	44	9/03*	11481	4	42*,49/02;6,12,13/03	12252	23	33,34/02;4,7,10/03
11302	29	34*,37/02	11370	23	17,31,33,40,51/02;9/03	11484	21	15,16/02	12253	42	33,38,42,46,50/02;10, 13/03
11305	1	N21,N26,N29,N36, N46/02;N1,N6,N7/03	11371	35	7/03	11485	32	15,34/02;13/03			
11307	36	28,31/02	11372	30	2*,7,8,10/03	11488	24	7/03	12254	43	38*,43,44/02
11308	22	3*,7,10/03	11373	42	31*,33,37,40,41,42,45, 49/02;7,9/03	11489	34	8*,12/03	12255	15	44/02
11309	36	21,26,28,36,46/02;1,6, 7/03	11374	31	45*,49,50/02;1,2,7,8, 9/03	11491	33	18,22,28,29,30,34,37, 38/02;12/03	12256	13	19*,33,44/02
11310	1	N21,N46/02	11375	35	1*,2,5,7,9/03	11493	9	N24,N39/02;N12/03	12261	51	38/02*;7/03
11311	23	15*,21,46/02	11376	48	15,16,21,22,23,25,27,29, 31,40,43,50/02;2,7/03	11494	8	N24,N39/02	12263	28	38/02*;7/03
11312	3	21,26,28,36,46/02;1,6, 7/03	11377	4	26*,40,50/02;2/03	11495	16	19/02*	12266	27	30/02
11313	22	31/02	11378	32	11*,12/03	11496	9	N32,N35/02;N1/03	12268	10	22/02*
11315	30	37/02*	11379	39	46/02*;9/03	11498	16	19/02*	12270	32	9/03*
11316	38	16,21,25,36,37,40,49/02	11380	49	19*,22,27,30,32/02;9/03	11502	28	14/03	12272	29	26*,27,36,45/02;13/03
11317	29	20*,21,25,37,40,49/02	11381	39	46/02*;9/03	11503	39	38*,39,43/02;12,14/03	12273	53	26*,31,36,45,50/02;5/03
11318	1	N21,N29,N46/02;N6/03	11382	32	11*,12/03	11504	15	12/03	12274	33	37*,50/02;5/03
11319	30	25,40/02	11383	49	19*,22,27,30,32/02;9/03	11505	1	16,18,26,28,31,34,40, 49/02;1,4,5,11/03	12277	31	26*,50/02;8/03
			11384	32	18,22,30,32/02;9/03				12278	72	26*,36,45/02
			11385	25	23/02*	11506	40	10/03*	12280	3	37*,43,45,46,47,50, 52/02;1,6,7/03
			11388	16	17/02	11507	31	9*,12/03			
			11389	32	18,23,28,33,37/02;2,7/03	11508	21	10/03*	12281	49	15/02;12/03
			11390	22	23*,27,33,34,37/02;7/03	11509	27	20/02;1,11/03	12282	33	31*,44/02;7,8/03
			11391	22	18,23,33,34/02;7/03	11510	18	34/02	12283	24	8/03
			11392	6	34/02	11511	16	11/03	12284	15	7/03
			11393	20	18/02	11512	59	10*,11/03	12285	35	11*,14/03
						11513	23	18,32,49/02;1/03	12286	29	2*,4,6/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03

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* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12288	19	27/02	13260	38	28*,36,43,48,49,50/02;1,7,9/03	14340	25	16,17,26,33,37,40,52/02;12/03	14930	24	45/02
12289	48	10/03*	13263	7	N20,N21,N25,N27,N36,N43,N48,N49/02;N1,N7,N9/03	14341	5	12/03	14931	24	35/02*
12300	42	17,18,19,28,29,37,39,42,45/02;5/03	13264	103	21,36,49/02;9/03	14342	20	52/02	14932	22	32/02;9/03
12301	21	N20*,N28,N29,N37,N39,N42,N45/02;N5/03	13267	30	17,19,27,52/02;1,7,9/03	14343	2	37,40/02	14933	24	35*,37/02
12304	42	28*,42,52/02	13270	59	17,19,33,34,40,43/02;1,2,7,12/03	14345	5	37,40/02;12/03	14934	26	2/03
12311	41	15,18,28,31,42,50,52/02;8/03	13272	47	19,28,40/02;8/03	14349	7	16/02	14935	21	17/02
12312	52	10/03*	13274	24	17,19,27,45,52/02;1,2/03	14357		N52/02	14937	24	52/02*;2/03
12313	48	18,21,27,31,33,43,52/02	13275	27	17,19,27,45,52/02;1,2,7/03	14358		N17,N36/02	14942	25	35/02
12314	30	46*,50/02;5/03	13276	21	19,27,52/02	14360	36	16,26,33,36/02	14963	20	51/02
12316	29	2*,6/03	13278	25	1,9/03	14386	3	36/02	14965	21	11/03*
12317	31	15*,26,37,50/02	13279	29	1/03	14415	4	33/02	14966	25	14/03*
12318	41	9/03*	13282	10	12/03	14500	27	52/02*	14967	22	5/03
12323	23	19,40/02;4/03	13283	18	1,9/03	14769		N31/02*	14970	25	40,46,51/02
12324	30	2*,8/03	13286	29	39*,40,50/02;1,9/03	14772	17	15/02	14972	25	21/02
12326	48	17,18,27,28/02;4,8/03	13288	40	15*,20,23,29,36,43,50,51/02	14773	16	15,19/02	14974	24	32/02
12327	96	1*,2,8,12,13,14/03	13290	34	20,36,40,43,50,51/02;7/03	14775		N31/02*	14975	33	52/02*
12331	30	8*,13,14/03	13292	36	20*,36,40/02;7/03	14776		N31/02*	14984	9	18/02*
12332	21	15,22,43,46/02;13/03	13293	33	26*,29,43,51/02;14/03	14777		N31/02*	14995	11	52/02*
12333	32	46*,47/02;5,12/03	13295	11	2*,14/03	14782	24	21,22/02	15562		N41/02
12334	65	10*,12/03	13296	25	43/02	14785	16	22/02	15585		N14/03
12335	39	1,8/03	13298	10	43,52/02	14786	13	24/02	15744		N30/02
12337	22	15,20,28,31,45/02;13/03	13301	20	25,33,51/02	14800	9	19,23/02	15880		N41/02
12341	25	22/02*	13302	21	20,25,41/02;2,7,9/03	14803	26	5/03	15954		N47/02*
12343	18	37/02*;7/03	13303	12	48/02*;7,9/03	14804	24	20/02*;5/03	16003	16	18/02*;13/03
12345	10	42/02*	13308	11	40/02	14810	4	19/02	16004	11	13/03
12347	29	25/02	13309	28	42/02*;9/03	14812	3	19/02	16006	33	6/03
12348	33	25/02	13312	21	10/03*	14813	21	2/03*	16011	35	38/02;8/03
12350	57	39*,49/02	13313	19	21,25,41,49,52/02;6,9/03	14816	23	5/03	16012	21	38/02
12352	29	34/02	13315	11	19*,49/02	14820	19	11/03*	16013	28	17,22,29,52/02
12354	39	22,28,33,37,45/02;2,6,7,10/03	13318	18	38*,41,52/02;5,6/03	14822	31	10/03*	16042	7	39/02*
12358	19	46*,49/02;1,7,10/03	13322	9	19/02*	14823	30	1/03*	16061	8	19*,27,37,49/02;13/03
12362	16	49/02	13323	7	5/03	14824	25	24/02	16300	8	52/02;3,8/03
12363	39	18,28,44/02;6/03	13326	12	41,43/02	14826	27	4/03*	16305	9	8/03
12364	33	20*,22,28,44,47,49,51/02;4,6/03	13392	2	6/03	14829	5	21/02	16322	7	8/03
12365	26	18/02;6/03	13394	3	39/02*;9/03	14830	29	18,23,39,51/02;2/03	16363	12	38/02*
12366	27	51/02	13396	4	9/03	14832	34	52/02*	16380	13	17/02
12367	23	18/02	13398	3	19*,36/02	14833	25	20,26/02	16381	8	8/03
12368	26	42/02*	14002	57	21/02	14835	31	39/02	16382	10	17/02
12369	25	31*,44/02	14003	6	16,25,48,49/02;5,9,12/03	14836	27	42/02*	16435	5	27/02
12370	18	39/02*	14008	76	21/02	14837	27	26/02*;3/03	16440	13	37/02
12371	22	28,47/02;6,13/03	14010	5	21,35/02	14838	3	52/02*	16441	7	37/02
12372	31	45*,47,48/02;2,5,6/03	14018	6	16/02	14839	36	9/03*	16442	6	37/02
12373	14	2/03	14024	5	33,36,39/02;12/03	14842	12	18,23,39/02;2,4/03	16480	10	38/02
12375	21	22/02	14040	65	40/02	14843	22	23,39,51/02	16500	9	9/03
12377	14	22,25,37/02	14044	44	6/03	14844	31	18/02;4/03	16520	21	2/03
12378	14	2,13/03	14061	27	6,9/03	14845	26	18/02;4/03	16521	5	27/02
12401	7	31*,47/02;2,13/03	14066	19	6/03	14846	11	18,23,24,39,40/02;2/03	16528	16	9/03
12402	8	31*,33,47/02;13/03	14067	11	6/03	14847	30	24,40/02	16529	14	50/02;9/03
13000		N21,N25,N48,N49/02	14083	30	33/02	14848	56	23,24,31/02;9/03	16530	6	50/02
13003	46	9*,12/03	14087	58	33/02	14850	51	21*,23/02;7/03	16531	7	18/02*
13006	30	39*,44,48,49,50/02;1,5,9/03	14088	10	41/02*	14852	44	20,23,25,26,37/02;7/03	16532	12	2/03
13009	30	42*,48,49/02;1,9/03	14089	29	41/02*	14853	13	21*,23,24,25,26,31,37/02;7,9/03	16549	14	4/03
13200	33	25,37,48/02;7,9/03	14090	2	33/02	14854	13	24/02	16556	4	8/03*
13201	10	N25,N37,N48/02;N9/03	14091	6	41/02*	14860	35	21,24/02	16566	10	17/02
13203	12	37/02	14111	7	14/03	14862	28	26/02*	16568	12	39/02*
13205	36	37,42,45,48/02;1,5/03	14144	29	21/02	14863	30	24/02	16575	3	42/02;6/03
13209	23	37/02	14151	2	37/02	14864	26	24,37/02	16580	11	39/02
13211	13	21,23,47/02	14180	38	21/02	14865	16	4/03	16590	10	38/02*
13212	35	9*,13/03	14203	12	19/02	14867	25	32/02	16593	11	14/03*
13213	40	14/03*	14204	21	19/02	14871	2	21/02	16594	13	2/03
13214	27	34*,45,48/02;5/03	14206	20	19/02	14872	3	21/02	16595	14	2/03
13215	17	45,48/02;1,5/03	14208	28	40/02	14873	2	35/02	16596	12	39/02*
13216	1	N48/02	14221	26	40,46/02	14880	30	33/02;4/03	16597	8	16,43/02
13218	38	29,42,45,51/02;5/03	14222	16	46/02	14881	31	28*,33/02	16598	9	43/02
13221	53	15,29,44,51/02;2,5,7/03	14223	18	3/03	14883	42	17,23/02	16599	6	16,43/02
13223	36	15,52/02;2/03	14225	17	38/02	14885	20	51/02	16603	7	42/02;6/03
13224	36	44/02;5/03	14226	32	40/02;6/03	14886	14	52/02*;5/03	16604	11	22/02*
13226	5	44/02;6,7/03	14227	28	40/02;6/03	14901	28	24,25,31/02;4/03	16606	11	37/02*
13227	13	7/03	14228	11	40/02;6/03	14902	22	23,32/02	16608	3	6/03
13228	11	51,52/02	14240	6	16,34/02;1/03	14903	22	23,32/02	16646	12	8/03
13229	27	17,39,42,45,52/02;1,7/03	14242	13	34/02	14904	25	17,31,32,46/02	16660	28	22,25,29,42/02;6/03
13230	46	2*,7/03	14243	8	19,34/02	14905	29	31,35,37/02;5/03	16662	6	22,29/02
13232	4	39,42/02	14244	5	19/02	14906	23	5/03	16663	6	22,25,29,42/02;6/03
13233	16	17/02;10/03	14260	47	35/02	14907	25	17/02	16665	7	22,25,29,42/02;6/03
13235	5	17/02	14280	37	35/02	14910	22	25,31/02	16680	10	6/03
13236	29	45/02;1,7/03	14310	2	52/02;12/03	14911	20	4/03	16681	10	37/02*
13237	38	17,42,48/02;7,10/03				14916	10	45/02*	16682	15	8/03*
13241	15	21*,34,42/02				14917	23	17/02;3/03	16683	9	3,6/03
13244	39	22*,48/02;7/03				14918	26	25/02	16700	27	21*,49,52/02;9/03
13246	36	26,27/02;8/03				14919	27	24/02	16701	18	21*,52/02;9/03
13253	18	3*,8/03				14922	19	26*,51/02;9/03	16702	10	38,52/02;1,9,13/03
						14924	27	28*,32/02;5/03	16705	19	49/02
						14926	9	18,31,32,35,37/02	16707	10	34,37/02
						14927	24	21*,31,32,35,37/02	16708	25	37,49/02
						14928	21	4/03*	16709	22	15*,49/02
						14929	24	14/03*	16711		

SECTION I

NM 14/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
16713	2	49/02	18020	36	20,34,37,45/02;6,10,13/03	18645	24	15,19,50/02	19461	7	10/03*
16741	9	46/02	18022	33	23,34,37,45/02;6,10,13/03	18647	15	2/03*	19483	6	11/03*
16760	10	51/02	18400	43	2*/6/03	18649	62	15,19,20,23,33,36,38,41/02;4,6/03	21005	5	45/02;2/03
16762	9	26/02*	18403	21	6/03	18650	51	28*,33,38,41/02;4/03	21008	62	39,42,43,50/02;1,2/03
17003	4	47,52/02	18405	12	43/02	18651	41	4,12/03	21011	5	2/03
17005	10	41,45,47,52/02	18415	8	42/02;7/03	18652	31	18,19,20,23,26,27,30,33,38,41,49/02;4,6,7,12/03	21014	72	42,50,52/02;2,3,4/03
17008	12	43/02	18416	6	P44,48/02	18653	9	15,19,36,38,41/02;4,6/03	21017	50	23,41,50/02;4,5,6,9/03
17300	30	52/02*	18419	11	47/02;12/03	18654	42	28*,38,49/02;12/03	21020	42	23,41/02;5,6,7/03
17302	18	21*,51/02	18421	45	2/03*	18655	58	19,49/02;12/03	21021	3	45/02;13/03
17303	9	15,37/02	18423	33	1*,5,7,9/03	18656	52	19,23,26,27,30/02;4,7/03	21023	41	34/02;7,8,9/03
17315	23	2/03*	18424	25	7/03	18657	18	19,26,27,30/02;4/03	21033	46	20,32/02;1/03
17316	20	28/02*;3/03	18427	21	35/02*;7/03	18658	29	23,26,27/02;4/03	21036	7	1/03
17320	15	15/02;13/03	18428	9	19/02*	18659	14	26,30,49/02;7/03	21120	27	47,50,51,52/02
17323	10	13/03	18429	9	3/03*	18660	1	30,49/02;7/03	21121	18	47/02
17327	20	5/03	18430	7	28/02*;6,7/03	18661	26	23,27,30/02;4,7/03	21122	5	47/02
17330	7	15/02	18431	6	2/03*	18662	20	30/02;7/03	21125	13	51,52/02
17360	32	44/02;1,6,8,11,12/03	18432	5	14/03*	18663	5	14/03*	21126	1	50/02
17379	1	15*,20/02	18433	5	2/03*	18666	1	26/02	21140	1	45,50/02;12/03
17382	14	44/02;1,6,8,11,12/03	18434	4	15,26,P44,48/02;6,9/03	18666	1	26/02	21141	23	48/02
17383	1	31*,49/02;8/03	18440	26	3/03*	18680	30	15/02;6,13/03	21160	1	45/02
17384	7	44/02	18441	42	30*,32,39/02;6,7,9/03	18685	31	25/02;6,12/03	21161	19	43,48/02
17385	14	14/03*	18443	15	17,39/02;6/03	18687	13	8/03*	21180	1	2,7/03
17400	16	15,36/02;10,12/03	18444	15	17,39/02	18700	21	34,36,37/02;4,6,10,13/03	21182	34	39/02
17401	10	1/03	18445	29	15,17,22,28,32,33,39/02;6,7,9,10/03	18703	24	36,37/02;4/03	21200	1	2/03
17402	10	46/02*	18446	15	6,7,9/03	18704	12	37/02	21301	13	3,12/03
17405	14	12/03	18447	26	27,52/02;6,7,10/03	18704	12	37/02	21342	28	41,44/02
17409	10	39/02*	18448	32	15,17,33/02;10/03	18720	31	23,35/02;4,6,10,12/03	21384	3	23/02;6/03
17413	2	43,50/02;10/03	18449	17	15,17/02;7/03	18721	11	35/02;6,10/03	21401	20	7/03
17414	3	41/02	18450	17	9/03*	18723	3	6/03	21441	27	34,44/02
17416	3	10,14/03	18452	16	17/02	18725	26	23,35/02;4,6,12/03	21478	3	9/03
17420	26	36,37,42,43,50/02;1,10,12,14/03	18453	24	14/03*	18740	39	16,20,23,34,37,45,50/02;5,6,12/03	21510	1	9/03
17422	8	52/02*	18455	2	N17,N22,N39/02	18741	18	N25,N45,N50/02;N12/03	21563	3	45/02
17425	6	18/02*	18457	9	15/02	18744	30	37/02	21602	1	28/02
17426	13	37/02;1/03	18458	14	17,22,32,39/02;9/03	18746	34	20,23,34/02;5,13/03	21603	9	5/03
17427	7	16/02	18459	5	N17,N22,N32,N39/02;N9/03	18749	38	16,18,20,23,25,27,40/02;5,6/03	21605	7	19/02
17428	7	5/03	18460	11	2*,6,7/03	18751	42	16,20,25,27,40/02;5,6/03	21661	12	6/03
17429	2	N38/02*	18464	22	32/02;7/03	18754	16	36/02	22004	38	18,20,23,30,32,34,36,39,41,43,52/02
17430	10	5/03	18465	35	2/03*	18757	10	13/03	22008	35	18,30,34,36,39,41,43,44,48,52/02;6,14/03
17434	11	5/03	18466	17	7/03	18758	6	35/02*	22012	31	16,30,34/02;6/03
17437	8	16/02	18468	17	7/03	18760	6	N16,N23,N34,N35,N45,N50/02;N6/03	22036	28	18,47/02
17438	12	16,50/02;10,14/03	18471	8	32/02;7/03	18761	2	N20/02	22050	4	19/02;12/03
17441	7	10/03	18473	7	4/03*	18762	15	20/02	22051	18	28/02
17443	12	10/03	18474	7	45/02*;7,10/03	18763	9	20/02	22052	6	28,46/02
17445	2	16/02;10,14/03	18476	4	17,22,32,39/02;7,9/03	18765	15	18*,25,45,50/02;12/03	22080	3	20,32/02
17446		N10/03	18477	5	7/03	18766	7	25,45,50/02;12/03	22082	4	17,19/02;13/03
17460		N5/03	18480	29	2*,6,7/03	18768	4	N25,N45,N50/02;N12/03	22083	5	19/02
17465	4	6,12/03	18484	10	28,40/02	18769	2	N20/02	22084	4	42/02
17471		N15/02;N6/03	18485	15	2*,10/03	18772	46	20,25,50/02;12/03	22090	2	30,32,43/02;4/03
17472	4	5,14/03	18500	28	19*,22,32,39/02;12/03	18774	38	18,20,23,25,50/02;10,12,13/03	22092	3	20,32/02;12/03
17474	4	15,43/02;5,10/03	18502	84	30*,32,39,42,49/02;9/03	18773	46	18,20,23,25,50/02;10,12,13/03	22101	19	16,20,32,43/02
17482		N7,N14/03	18504	64	18,52/02;12/03	18774	10	35/02*;10/03	22111	4	32/02
17485	4	16/02	18520	24	33,39/02	18775	2	N20/02	22112	3	23,25,30,32,43/02
17489	19	43/02	18521	69	34*,39,49/02;4,10,12/03	19002	9	N23,N25,N37,N51/02	22113	8	23,25,30/02;12/03
17495	2	43/02	18523	53	15,25,26,33/02;4,12/03	19004	36	18,23,35,37,51/02	22114	5	16,32,42,43/02
17503	4	43/02	18524	33	18*,26,28,31,33/02;4,6,10/03	19007	16	51/02	22120	3	18,23,30,34,36,39,41,43,52/02
17513		N42,N43/02	18525	33	15,28,31,33/02;4,9/03	19010	17	45*,51/02	22121	9	17,23,30,34,36,44,52/02
17515	7	6/03	18526	55	15,16,28,31,33/02;4/03	19013	16	25,51/02	22124	2	17,34,52/02;6/03
17517	8	6/03	18527	21	16,31/02	19320	16	23,27,35,37,51/02;5/03	22125	1	18,36/02
17518	7	P44,48/02	18528	10	52/02*	19324	22	27,35/02;5/03	22126	1	36/02
17520	2	N6/03	18529	10	52/02*	19327	10	23/02	22130	2	44/02;14/03
17524		N12/03	18531	20	26,31,34/02;9,10/03	19339	1	N25,N35,N49,N51/02;N5,N13/03	22138	2	18,41,44,48/02;6/03
17528		N43/02;N6,N12/03	18532	20	10/03	19340	26	25,35,49,51/02;5,13/03	22140	2	30,34,36,44/02
17541	3	43/02	18541	8	21/02*	19347	17	25/02	22142	2	39,41,43/02
17542	6	47/02	18548	5	8/03*	19350	11	27/02	22143	3	17,41,52/02;14/03
17543	17	41/02	18558	37	19*,39/02	19351	9	25/02	22145	2	N41/02
17545	13	43,47/02	18561	11	33,39/02;10/03	19352	22	42*,49,51/02;5,13/03	22160	2	30,34,39,41,48,52/02
17546	22	42,43,47/02	18580	21	26,33,38,39/02	19357	22	42*,49,51/02;5,13/03	22170	3	30,39/02;6/03
17549	6	47/02	18581	17	49/02*;4/03	19358	20	28/02*	22172	8	48/02*;4,6/03
17550	4	15,42,43,P44,45,47,48,52/02	18583	38	31,33,42,49/02;12/03	19359	10	12/03	22173	36	48/02*;6/03
18000	8	45/02;6,10/03	18584	47	30,39,49/02;4,6/03	19360	1	N37,N51/02	22180	2	30,34/02
18002	6	N45/02;N2,N6,N10/03	18587	68	25,30,33,39,42/02;4,6,9,10/03	19362	12	49/02	22181	16	17,27,39,41/02
18003	18	26,33,38,39,40,P44,45,47,48,52/02	18588	36	32,33,49/02	19366	36	31,49/02;5/03	22182	6	30,34/02;14/03
18005	4	N20,N34/02;N6,N10,N13/03	18600	14	15*,33,37,38,40/02	19367	37	22,31,49/02;10/03	22183	3	20/02
18006	3	N6/03	18601	13	10/03	19369	5	22,31,49/02;10/03	22190	2	30/02
18007	31	20,26,33,34,37,38,39,40,47,52/02	18602	11	26,32,33/02;10/03	19379	1	N25,N51/02;N5,N13/03	22205	2	16/02;12/03
18008	7	N20,N26,N33,N34,N37,N38,N39,N40,N47,N52/02	18603	16	9*,10/03	19380	14	25,51/02;5,13/03	22221	20	20/02;12/03
18009	2	N34/02;N6,N13/03	18620	23	35/02*	19381	8	25,49,51/02	22222	1	4,12/03
18010	20	33,34,37,38,39,40/02;6,13/03	18622	52	26,28,49/02	19383	17	49/02;5/03	22225	2	12/03
			18623	11	34/02	19385	7	20/02*	22233	29	13/03
			18626	15	37/02;10/03	19387	9	N25/02	22250	2	42/02;12/03
			18640	24	15,24/02	19401	8	10/03*	22251	11	12/03
			18643	16	24,49/02	19402	6	9/03*	22259	4	20/02
						19421	7	8/03*	22264	2	20,42/02;13/03
						19442	5	14/03*	22275	3	20,42/02;12/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03

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22281	9	12/03	24091	6	26/02;6/03	25001	7	17,19/02	27186	8	1,9/03
22282	17	19/02;12/03	24092	14	26/02;6/03	25400	1	23,26,35,48/02	28004	1	20,23,45/02;8,9/03
22283	3	N19/02;N12/03	24100	5	27,29/02	25480	1	20,42,46/02	28006	1	8/03
22284	7	N10/03	24101	3	37,41/02	25481	25	26/02	28050	3	28,34/02
22290	4	20/02	24102	3	37,41/02	25485	45	23,26/02	28110	2	15/02*
22293	15	20/02	24110	3	27,29/02	25487	2	23,26/02	28150	3	8/03
22294	15	12/03	24130	14	24,29/02;5/03	25524	43	33/02;1,5/03	28162	29	28/02
22311	19	8/03	24140	18	32/02	25525	17	1,5/03	28164	17	28/02
22312	2	13/03	24141	4	5/03	25526	2	19,33/02	28190	2	41,43,45,46/02
22313	2	44/02;8/03	24142	43	5,6/03	25527	31	33/02	28196	4	41,43,45/02
22314	1	44/02	24149	1	32/02	25528	5	21,42/02	28197	4	45/02
22331	2	N10/03	24150	27	27,29,30,32/02	25550	2	17,19,24/02	28202	22	41,44/02
22341	9	19,43/02;11/03	24151	4	29,32/02	25563	50	17,33/02;14/03	28210	2	33,35,39,41/02
22342	9	19/02	24152	2	30/02	25565	7	33/02	28220	2	35,39/02
22343	1	N19,N43/02;N10,N11/03	24153	6	30/02	25566	27	17/02	28221	18	33,37,39/02;5/03
22344	5	N42/02;N10/03	24156	2	22/02	25567	16	19/02	28223	4	35,39/02
22345	11	42/02	24159	1	27/02	25570	3	19,31/02	28260	30	35,37/02
22347	5	N19/02	24160	21	27,28/02	25575	4	31/02	28263	3	35,37/02
22351	1	N43/02;N12/03	24161	11	27,42/02;7/03	25600	47	24/02	28264	3	35,37/02
22352	6	12/03	24162	9	22,27,42/02;6,7/03	25601	34	17,19,20/02	28265	3	37/02
22361	2	N10/03	24164	6	27/02	25607	4	24,39/02	28281	32	36/02
22373	1	N50/02;N10/03	24170	14	5,6/03	25608	21	17/02	28282	2	35/02
22375		N19/02;N10/03	24171	19	5,6/03	25609	5	30/02	28300	1	23,39,50/02
22377	1	N10,N13/03	24172	4	5,6/03	25613	2	30/02	28302	16	31,33,39,40/02;12/03
22379	1	N50/02;N10/03	24180	15	8/03	25640	40	28/02*	28310	2	23,31,33,35,39/02
22381		N19,N43/02	24211	7	24/02	25641	26	30/02	28320	6	33/02
22395	2	19,42/02	24220	14	27,28/02	25644	12	42/02	28321	36	29/02
22403	1	N45/02	24222	3	27/02	25645	17	15/02*	28323	2	27,29/02
22404	15	46/02	24223	33	18/02	25646	7	N42/02	28325	2	27,29/02;5/03
22406	1	N1/03	24230	20	18,30/02	25649	18	18,30,35/02;4/03	28330	2	27/02
22407	1	N4,N11/03	24233	15	36,43/02	25650	33	22*,30/02	29015	5	22/02
22408	1	N10/03	24234	3	30/02	25653	13	8/03*	29121	5	32/02
22409	4	N45/02;N10/03	24240	5	30,39/02;7/03	25663	27	19/02*	29122	5	32/02
22410	32	43,44,46/02	24250	5	30,39/02;7/03	25668	18	15*,16,48/02;13/03	29142	3	7/03
22413		N45/02	24251	23	24,34,43/02;6/03	25670	41	26,38,48,49/02;4,5,13/03	35000	26	23,24,47,48/02;14/03
22417	1	N10/03	24252	5	30,39,43/02;6/03	25673	15	28,42/02	35008	21	45,48,50/02;5/03
22418	2	24,36,44,46/02	24260	5	34/02	25677	19	21,52/02	35009	19	15,40,41,45/02;5,10,14/03
22420	2	4,11/03	24270	3	24,27/02	25681	15	4/03	35011	2	48/02;1/03
22421	4	N43,N44,N46/02;N11/03	24290	3	36,43/02	25683	17	30,49,52/02;5/03	35016	17	29/02
22423	3	N11/03	24291	4	36/02	25687	11	15,35/02	35031	3	22/02
22425	2	44,46/02	24292	4	36/02	25720	3	33/02	35036	21	17,19,24,30,36/02;10/03
22427	1	N43,N44,N46,N50/02;N11/03	24293	6	32,36/02	25800	3	24,36/02	35040	18	21,45/02;4,8,10,14/03
22429		N24,N46/02;N10,N14/03	24294	22	36/02	25841	9	24,36/02	35041	8	21,35/02;4/03
22433	3	39,47/02;11,14/03	24311	4	27/02	25848	25	5,13/03	35042	9	21,27,44/02;4,14/03
22436	2	39/02,10,14/03	24312	4	27/02	25849	13	42/02;12/03	35044	9	38/02
22471	31	18,44/02	24320	4	27,28,34,43/02;6/03	26001	4	9/03	35047	5	35/02
22481	35	43,44/02	24321	3	6/03	26050	1	34/02	35060	14	18,22,40,41/02;10,14/03
22482	16	44,50/02	24322	6	28,34/02;6/03	26060	1	49/02	35080	16	18,22,40/02
22521	3	12/03	24350	2	31,51/02	26081	8	46/02	35084	15	50/02
22523	3	12/03	24355	2	51/02	26083	14	29/02	35086	5	31/02
22529	3	12/03	24370	1	34/02	26122	29	13/03	35088	2	50/02
22531	2	12/03	24375	2	34/02	26127	21	49/02;5/03	35099	3	41/02
23000	5	18/02	24380	2	35/02	26128	50	49/02;5/03	35100	14	40,45/02;5/03
23010	4	27,38/02	24388	2	35/02	26129	11	26/02	35101	6	41/02
23023	4	27/02	24404	8	21,26,35,44,48/02	26142	10	24,33/02	35103	5	41/02
23030	6	27,38/02	24405	10	26,35,36,44,48/02	26210	2	24,36/02	35120	13	40,45,47/02;5/03
23115	3	27/02	24406	30	20,26/02;2/03	26229	11	17/02	35130	3	48,51/02;5/03
23121	7	30/02	24408	21	36,44,48/02	26230	12	17/02	35135	1	5/03
23122	8	23,30,33/02	24410	2	21,44/02	26240	7	23/02;9/03	35136	2	48,51/02
23123	3	30/02	24430	5	39/02;8,11/03	26244	3	9/03	35141	11	34/02
23124	3	N30/02	24431	14	39/02	26245	16	51/02	35143	7	34/02
23125	4	30/02	24434	4	39/02	26259	2	51/02	35144	3	11/03
23126	6	N24/02*	24452	7	16,26/02	26260	5	24/02	35150	3	48/02
23127	4	N24/02*	24454	5	5/03	26261	27	8/03	35159	3	25/02
23128	4	N24/02*	24460	4	15,17,39,47/02	26262	3	8/03	35163	7	25,44/02
23129	2	N24/02*	24462	5	15,47/02	26280	7	23/02	35166	4	35/02
23131	7	26,31/02;12/03	24463	6	24,39/02;12/03	26308	4	15/02	35167	3	35/02
23141	7	34/02	24465	6	15,23,33,47/02	26309	26	17/02;11/03	35169	2	35/02
23142	10	8/03	24469	1	20,46,47/02;13/03	26320	5	15,24,27,28,29,35/02;7,12/03	35200	7	48,51/02;5/03
23150	10	20,37,52/02	24470	4	28,39,47/02	26323	4	1/03	35210	3	29/02
23151	3	12/03	24471	8	28,47/02	26327	2	N41/02*	35230	3	29/02
23152	3	37/02;12/03	24480	1	17,25,27,41,44,45,49/02	26328	2	15/02	35236	2	38,50/02
23153	8	20,31/02;12,13/03	24482	2	24,49/02	26328	2	15/02	35246	2	38,43/02
24000	39	27,29/02	24483	2	20,24,49/02	27005	4	6,8,9/03	35247	4	50/02
24004	36	29,30/02	24484	3	24,49/02	27040	5	9/03	35255	3	50/02;14/03
24016	53	30,39/02	24490	3	24,31/02	27041	4	50/02	35256	2	14/03
24020	47	27/02	24491	3	31/02	27080	4	20/02	35270	2	38,46/02
24028	6	23,48/02	24492	20	31,46/02	27081	6	49/02	35276	3	46/02
24050	11	27,31,34,38,49/02	24501	3	17,27/02	27082	6	18,49,51/02	35277	3	38,46/02
24052	15	31,37,38/02;14/03	24502	6	46/02	27084	4	13/03	35279	3	38/02
24053	16	24/02	24504	7	17,41,45,46/02	27100	2	31/02;8/03	35295	3	27/02
24055	6	37,49/02;14/03	24508	2	18,19,41,45,46/02	27120	4	41,43,44/02	35298	7	27/02
24057	4	31,38,49/02	24509	2	17,45,50/02	27142	5	9/03	35299	9	13/03
24058	2	31,32,37,38/02	24510	2	17,18,19,41,45,46,50/02	27160	2	8,13/03	35303	7	40/02
24060	2	34/02	24512	3	25,29,44,46/02	27161	4	8,13/03	35308	5	10/03
24080	5	29/02	24513	18	46/02	27163	21	49/02;8/03	35310	2	22/02
			24517	2	18,19,46,49/02	27183	8	1,9/03			

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35330	2	22,38,41/02	37088	9	5/03	37328	2	18,42,44/02;11/03	43303	4	41,47,50,51/02
35350	2	38,41/02	37089	12	21,28/02;4,13/03	37330	2	22,24,26,30,32,34,38,40,46/02;9,13,14/03	43304	2	44,47,50/02
35400	11	30/02	37090	8	27,32,45,51/02;1,7,9,14/03	37342	3	17,32/02;2,11/03	43321	6	30,41,47/02
35402	3	38/02				37343	10	45/02	43323	4	30/02
35420	13	24,30/02	37095	3	15,17,18,24,28,32/02;1,7,9,11,14/03	37344	11	17,32,34/02	43324	4	30/02
35421	14	31/02				37360	15	15,17,27,28,30,32,34,43/02;2,9,10,11/03	43341	7	41/02;12/03
35423	6	31/02	37101	9	15,18,27/02				43345	4	1/03
35424	3	30/02	37103	9	15,27,29/02	37362	6	17,31,43,48,51/02;1,2,4/03	43360	21	17,28/02;6,10,13/03
36005	2	15,17,24,27,28,34,36,38,45,46/02;P12,14/03	37104	3	41/02				43363	5	45/02
36010	27	16,19,20,22,24,38/02;5/03	37110	11	15,17,18,19,24,27,28,29,47/02	37363	8	48/02;4/03	43364	5	45,46/02
36015	2	17,24,27,36,46/02	37112	1	47/02	37367	1	38,49/02	43371	13	22/02
36040	16	19,30/02;1/03	37115	2	15,17,18,19,27,28,29,33,47/02;7/03	37380	2	15,17,34,40,42,43,44,48,51/02;9,10/03	43372	4	22/02
36046	5	38/02	37119	2	43/02	37400	10	15,28,34,38,40,41,44,46/02;6,10/03	43373	8	45/02
36060	17	16,19,31,38/02;5,8/03	37120	2	15,19,24,27,29,39,42,49,51/02;4,6/03	37401	9	28,32,44/02;4,6,13,14/03	43375	7	46/02;6,7,10,12/03
36061	5	46/02	37121	11	15,24,27,29,31/02	37402	7	28,32,41,42,44,50/02;4,13,14/03	43384	1	48/02;4,5,6,7,10,11,12,13/03
36062	11	40*,46/02	37122	12	48/02	37403	23	24/02;10/03	43385	1	27,45,48/02;5,11,13/03
36098	6	5/03	37123	9	19,49/02;6/03	37420	1	34,43/02;1,7/03	44001	2	48,49/02;1,6,7,8,9,11,13,14/03
36102	6	13/03	37125	15	15,19,24,42,49/02;6,9/03	37421	8	14/03	44015	8	28,31,48,49/02;6,7,8,9,10,11,13,14/03
36103	9	13/03	37126	8	15,41/02	37423	5	14/03	44030	7	20,46/02;4,8,9,13/03
36104	6	13/03	37127	11	49/02;4,6/03	37441	4	15/02	44036	5	28/02;13/03
36106	7	18,47/02;5,13/03	37129	6	39,42,49/02;4,6/03	37445	1	48/02;1/03	44038	5	18/02
36117	6	18/02	37133	4	44/02	37446	2	1/03	44040	23	28,44/02;6,10,13/03
36118	3	5/03	37134	5	38/02	37461	9	51/02;6/03	44041	7	48/02;1,9,10,13/03
36120	9	16,19,20,22,31,46/02;5,8/03	37136	6	38,46,50,51/02	37463	6	1/03	44042	7	21,44,45,49/02;4,7,9,10,11/03
36122	12	16,19,21/02	37137	6	46,48/02	37481	7	47,48/02;6,7,14/03	44043	8	44/02;1,6,9,10,11,13/03
36123	25	16,19,21,46/02;11/03	37139	8	18,23/02;1/03	37501	3	46,47/02;7,8/03	44044	6	6,10,13/03
36125	7	4/03	37140	33	15,17,19,21,22,24,27,29,31,35,49,51/02;4,6/03	37506	4	45,46,47,51/02;8/03	44046	10	18/02
36137	4	38/02	37141	29	20,21,23,36,40,48,51/02;1,4,12/03	38030	1	20,21/02	44047	22	26,44/02;10,12/03
36138	3	39/02;4/03	37145	23	46,50/02;4/03	38460	7	18/02	44048	11	5,12/03
36139	4	4/03	37147	15	21,35,36,40/02;1,10,12/03	38463	2	N18/02	44049	9	18,44,46,50/02;8,14/03
36140	12	21,22,24,36,41/02;4,10/03	37148	13	17,21,35,38/02;4,10,11/03	38480	6	18/02	44050	21	18/02
36141	7	4/03				38603	2	17,21/02	44051	1	44,48,50/02;1,11,14/03
36142	6	24/02	37149	10	44/02	38610	1	20/02	44057	5	21,25/02
36143	4	18,34/02;5/03	37150	8	16,21,22,31/02;14/03	41060	3	34/02	44061	21	18,21/02
36161	10	20,24,34,44,45,47,50/02;4,10/03	37161	14	18,21,22,31,34,43/02;1,14/03	42160	3	7/03	44063	8	21/02
36162	10	20,35,45,47,50/02;4/03	37162	12	15,16,17,26/02	42600	5	14/03	44065	7	15,16,20,25,30,42/02
36163	13	20,31,34,35,38,44,45,47,50/02;4/03	37164	4	15/02	42620	5	14/03	44066	10	16,20,27,39/02
36164	7	34,38,44,46/02;8/03	37165	2	15,17,18,20,21,34,36/02;10,12,13/03	42740	5	34,41/02;6/03	44067	22	16,21,25,29/02
36165	6	17,18,20,22,24,28,36,44/02;10/03	37166	2	15,16,17,26/02;14/03	42742	3	6,8/03	44068	11	17,18,20,24,26,44/02;10,11,13/03
36167	2	24,40/02	37170	11	38/02;14/03	42760	5	8/03	44069	16	16,18,20,21,24,29,31/02;11,13/03
36173	1	40/02	37175	2	5/03	43000	4	9/03	44072	4	21/02
36180	23	17,20,21,22,36,40,50/02;4/03	37180	20	21,38/02	43015	12	9/03	44073	2	21/02
36181	18	17,20,21,22,36,40,50/02;4/03	37182	14	35,47,48/02	43030	24	25,28/02;2,9,10,11,12,13/03	44075	4	16,17,21,29,31,42/02;13/03
36182	6	20,36,40/02	37183	9	48,51/02;10/03	43059	3	44/02	44076	3	18,25/02
37000	22	23,28,47,48/02;14/03	37184	8	48/02;5/03	43060	4	44/02	44081	9	15,16,17,20,24,25,39/02;9,13/03
37005	16	17,18,23,41,45,47/02;5,12,13/03	37200	15	18/02	43079	2	41/02	44082	11	15,16,17,18,21,24,25/02;9/03
37010	23	15,16,17,18,23,26,41,45,47/02;10,12,13/03	37202	2	18/02	43082	5	41/02	44083	8	15,21/02;9,11/03
37025	26	38,51/02;1/03	37205	2	39/02	43101	3	46/02	44084	2	21,25/02
37032	2	1,6/03	37221	13	15,16,17,18,20,21,24,25,27,28,34,36/02;6,10,11,12,13,14/03	43102	4	46/02	44100	7	15,16,17,18,24,25,26,44/02;2,9,11,12,13/03
37033	2	47/02	37222	14	26,42/02	43106	6	44/02	44105	2	49/02;5,6,8/03
37034	2	8,14/03	37224	11	15/02	43140	4	17,41,48,52/02;12/03	44120	7	15,16,17,18,21,26,27,28,29,31/02;2,9,10/03
37041	15	17,20,27,50/02	37226	17	15,16,17,19,20,21,25,28,30,39/02;8,9,12,14/03	43142	4	52/02;12/03	44140	8	16,26,27,28,29,31,50/02;1,6/03
37042	5	17,41,45/02	37228	14	21,24,27/02;8,14/03	43143	4	12/03	44160	7	46/02;1,4,5,6,11,13,14/03
37043	17	17,20,43/02	37229	15	15,16,17/02;8/03	43144	4	17/02;6,12/03	44161	2	29,50/02;1,2,6,10/03
37044	16	45/02	37230	14	16,18,24,25,39/02	43145	4	17/02;12/03	44162	1	50/02;1/03
37045	11	45/02	37231	18	15,20,21,25,28,30/02;6,10,12,14/03	43146	2	48/02	44163	1	48/02
37046	18	21,31,43/02	37232	12	15,16,21/02	43150	2	N17/02	44164	1	46,48/02;1,11/03
37050	9	18,26,42,46/02;10,12/03	37234	13	15,20/02;7,8/03	43160	6	17/02	44165	1	46/02;1,5,6,11/03
37060	3	17,21,31,46,50/02;9,13/03	37235	11	15/02	43161	2	17,41,44/02	44178	2	21/02;2,5,7,10/03
37061	15	36,38/02;5/03	37241	17	16,17,26/02	43163	3	44/02	44180	2	10/03
37063	21	16,21,28,36,50/02	37242	10	15,20/02	43164	3	17,48/02;6/03	44186	6	18,20,24,29,34,45,46/02;1,2,5,7,8,9/03
37064	8	17/02*	37244	11	16,17,26/02	43182	4	47,52/02	44187	5	5,10,13/03
37065	7	19/02*	37246	14	15/02	43223	4	41/02	44188	4	21,48,49/02;1,2/03
37075	3	21,31/02;5/03	37248	18	39/02	43225	4	17,52/02	44189	9	21,45,49/02;2,10,13/03
37079	5	22/02	37258	4	15/02;1,11/03	43240	4	50,51/02	44185	7	45,49/02;1,2,10/03
37080	3	17,24,27,30,33,34,38,40,42,44,45,46,51/02;1,4,7,9,14/03	37261	10	15,28/02;1,7,11/03	43242	4	52/02	44186	2	21,45,46,48/02;1,2,5,8,9,10/03
37081	23	18,20,21,28,38,43,50/02	37262	20	1,11/03	43243	4	50,51/02	44187	2	21/02;5,6,9,13/03
37082	9	28,44,50/02;11/03	37264	3	30/02;1/03	43248	4	16,51/02	44192	1	21,29,46,48/02;1/03
37083	8	20,22/02	37265	3	18,24/02;1,7/03	43284	6	20/02*	44193	1	26/02;1,7/03
37084	9	20,22,38,40,43/02	37281	15	30/02;1/03	43285	5	15,16,44/02			
37085	8	38,40/02	37320	16	18,26,27,28,38,44/02;9,10,11,12/03	43300	5	15,44,47,50/02			
37086	8	38,50/02;4/03	37325	8	18,34,39,47/02	43301	4	15,45,50/02			
37087	7	38,40/02	37326	2	34,47,51/02	43302	4	44,47,50/02			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44200	9	20,24,29,34,52/02;4,9,12,13/03	51240	2	33/02	53122	3	20,29,40/02;7,8/03	54279	4	50/02*;2/03
44203	1	20,24,33,48/02;2,5/03	51260	4	37,50/02	53123	3	7/03	54280	10	15,20/02;5/03
44204	1	48,52/02;2,4,5,7,12,13/03	51261	23	5,6,13/03	53125	2	46,51/02;13/03	54281	6	20/02
44205	2	48,52/02;2,5,7,12/03	51263	23	49/02;13/03	53130	1	27,42,47/02;10,13/03	54282	1	51/02
44206	1	46/02;4,5,13/03	51300	4	27/02	53133	3	41,46/02	54283	5	19,20,52/02
44207	1	4,5/03	51341	23	48/02;6/03	53135	2	20,51/02;7/03	54284	1	51/02
44220	5	46/02;4,5,13/03	51342	3	1/03	53141	5	20,24,34,51,52/02	54286	4	19/02
44223	1	6,13/03	51344	2	5,7/03	53147	3	36,39,42,51/02;6,7,10,13/03	54287	7	5/03
44224	1	49/02;5/03	51380	5	47/02	53149	2	31/02	54288	5	1/03
44240	8	49,50/02;4,7,13,14/03	51559	3	41/02	53160	14	20,51/02;3,6/03	54289	8	19/02;1/03
44243	2	25/02;5/03	52031	1	6/03	53161	8	51/02;3,8,13/03	54300	12	31/02
44260	7	29/02;2,5,6,13/03	52039	4	5*;7,8,9,13,14/03	53162	7	50/02*	54302	1	31/02
44280	9	29,34,49,50/02;2,6,12/03	52040	17	43,50/02;13/03	53164	9	20,37,51/02	54318	3	19/02;1,14/03
44281	2	49/02;12/03	52043	21	46/02;6,7/03	53165	13	39/02;8/03	54320	4	20,48/02;1/03
44282	1	49,50/02;13/03	52045	6	36/02	53180	10	33,34,43,51/02;1,3,6,7,13/03	54322	7	19,20/02;1/03
44283	2	50/02;8/03	52046	21	50/02;6,7/03	53181	4	34/02;1,13/03	54324	8	19/02
44284	2	41/02;6/03	52047	11	7,8/03	53182	4	36/02	54327	4	5/03
44285	1	2/03	52048	3	8/03	53183	13	19*;35/02	54334	3	5/03
44286	1	2/03	52051	1	43/02	53184	5	32,35/02;1,6,13/03	54337	3	19,31/02
44310	5	20,29,41,42/02;7/03	52052	1	43/02	53200	6	33,36,43/02;5,6,7/03	54339	8	17,31/02;12/03
44313	1	27,41,47/02	52054	1	14/03	53201	6	51/02	54340	8	19,48,51/02;3,4/03
44319	2	21,41,42/02;4,6,9,10/03	52055	1	14/03	53202	6	51/02	54343	10	19,48/02;4,5,11,12,13/03
44320	4	23,29/02;6,8,9/03	52060	16	43,50,51/02;7,12/03	53203	11	5/03	54344	6	19,48/02
44321	6	19,22,23,29,32,40/02;6,8/03	52061	2	45,48,51/02;7,12/03	53204	10	44/02;5/03	54346	8	19/02;11,12,13/03
44340	11	16,20,21,37/02;4,6,8,9/03	52062	7	7,12/03	53205	3	5/03	54347	4	51/02
44341	7	25,37,41/02;7,9/03	52066	3	50/02;14/03	53206	6	17/02;5/03	54350	4	51/02
44342	8	37,41/02;6/03	52080	14	50,51/02;4,7,10,11,12,14/03	53220	6	36,43,51/02;5/03	54351	7	52/02
44352	2	4,6,7,8,12/03	52082	3	45,46,48/02;11,12/03	53223	5	29/02	54352	3	52/02;1,3/03
44360	9	16,20,21,34,37,41,42/02;4,9,10/03	52083	2	45,46,51/02;1/03	53226	3	3/03*	54360	12	15,19,20,52/02
44361	6	21,27/02;4,10/03	52084	2	45/02;4,10,11,12,14/03	53242	12	52/02;1,13/03	54362	3	52/02
44365	1	7,8/03	52085	3	50,51/02;4,11/03	53244	2	1/03	54363	3	15,19,20/02
44366	1	34,41/02	52086	2	45,50,51/02;1,4,9,11,14/03	53262	7	22,42/02	54364	2	52/02
44367	2	15,16,18,20,22,25,26,29,35,37,40/02;6/03	52087	1	51/02	53263	1	37/02	54365	6	15,19,36/02;11/03
44400	4	48/02;4,6,7,8,9,12/03	52088	2	45/02;4,10,11,12,14/03	53265	6	19,35,41,46,52/02	54366	3	15/02
44401	7	10,12/03	52092	1	46,51/02	53266	4	1,8,13/03	54367	3	15/02
44410	4	4,6,11,12,13,14/03	52120	12	32,51/02;6,11/03	53268	4	22,42/02;7/03	54368	4	20/02
44420	6	36,49/02;8,9,10,11,12,14/03	52121	8	45,46/02;1,6,8,11/03	53269	5	19/02	54369	4	15,52/02
44430	2	16,17,28/02;6,10,11,14/03	52122	14	45/02;11,14/03	53279	3	7/03	54372	2	20/02
44444	6	31/02;9,12/03	52124	1	51/02	53281	4	31,40,52/02	54380	6	19,26,42/02;3/03
44461	10	16,17,19,28/02;6,10/03	52125	1	45,46/02;8,11/03	53282	8	40/02	54382	9	26/02
44462	4	19/02	52140	6	48,50/02;3,12/03	53283	4	33,52/02	54386	10	42/02
44465	2	16,17,19,28/02;6/03	52141	5	48/02	53284	4	33,40/02;7/03	54387	7	23,42/02
44481	2	26,28,31/02	52142	2	12/03	53285	4	35/02;7/03	54389	8	43,52/02
51007	22	38/02;7/03	52144	5	50/02;3,7,8,10,14/03	53287	6	20,27,35,42/02;1,5,7,8,10/03	54400	8	20,32,43/02;3/03
51013	4	38/02;7/03	52161	14	6,11,14/03	53290	1	35/02	54402	4	52/02
51017	31	37/02	52164	2	14/03	53301	4	27/02	54403	4	22,43,52/02
51022	11	37/02	52170	3	14/03	53302	4	51/02	54404	4	19/02
51061	14	1,7/03	52172	2	40/02;1/03	53303	6	49,51/02	54407	4	32,43/02;3,7/03
51064	2	52/02;1/03	52180	14	21,24,42,43,51/02;1,8,10,13/03	53306	2	21,39/02	54409	2	23,32/02;7,8,12/03
51081	10	5,6,13/03	53061	10	19,28,30,44,47/02;12/03	53311	3	39/02	54413	3	31/02
51082	7	5,7,13/03	53062	13	1,14/03	54040	3	37/02;6,10/03	54418	4	32,43/02;3,7/03
51100	7	1,6,7,8,9,14/03	53063	8	19,28,44,47/02;4/03	54041	7	18,35/02;4,8/03	54419	2	3/03
51103	10	29*;33,45/02	53064	6	33/02;10/03	54043	2	15,17,18,29/02	54421	6	28,47/02
51104	1	29*;33,45/02	53065	2	33/02	54060	5	18,37/02	54422	4	19/02*
51120	6	6/03	53066	2	33/02	54061	11	52/02	54423	5	48/02*
51142	2	6,13/03	53081	8	15,21,30/02;4,5,11/03	54063	3	1,13/03	54430	1	16,28,37,43/02
51143	4	6/03	53082	13	40/02	54081	3	10/03	54440	4	30,41/02
51144	3	52/02;1/03	53083	8	18,19/02;9,10/03	54083	4	19/02	54441	6	30,42/02;2/03
51145	2	42/02;13/03	53084	6	17,18,24,51/02;14/03	54085	2	18,19,40/02	54480	8	22,30,36,41/02;2/03
51146	3	42,52/02;5/03	53085	6	17,24,51/02;14/03	54090	3	46/02*-11/03	54481	8	22,30,36/02
51150	1	50,51/02;1,13/03	53086	8	20,46,48/02	54095	3	46/02*-8/03	55001	4	18,29,36,37,42/02;14/03
51154	3	50,51/02;13/03	53087	9	48/02	54105	3	46/02*-8,13/03	55040	4	15,18,23,27,28,31,32,39,41/02
51155	1	50,51/02;1/03	53088	7	33/02	54115	3	46/02*	55041	7	15,22,32/02
51158	2	6/03	53090	1	41/02	54120	5	15,16,17,18,19,20,37,39,41/02	55042	1	18,21,27,28,42/02
51159	3	47/02	53093	2	20/02	54125	3	46/02*	55043	2	21,23,27,28,37,39,42/02
51160	20	48,50,51/02;1,4,5,6,7,14/03	53100	16	18,19,21,24,28,33,39,42,51/02;6,10,13/03	54140	7	15,16,17,18,41/02	55044	5	22,23,41,43/02
51163	4	4/03	53101	7	33/02;8,13/03	54151	1	15/02;3/03	55045	2	18,21,23,41/02
51164	18	38,45,46,50/02;2,4,8/03	53102	2	20,35,42/02	54161	12	16,17,19/02;10/03	55046	4	21,22,23,26,27,30,31,37,38,39,41,48/02
51165	8	25,45,50/02;2,4,8,10,14/03	53105	20	37/02;8/03	54165	2	33,37/02	55047	8	22,23,26,27/02
51166	3	N25,N45/02	53106	6	19*;20,24/02	54166	3	10/03	55048	12	23,27,32,36,37,39,41,48/02
51167	6	45,50/02;2,4,8,10/03	53107	16	35/02;6/03	54167	2	17,19/02	55049	6	22,27,30,41,43/02
51168	2	45,46,50/02;2,4,8/03	53110	1	29,40/02;10/03	54168	1	37/02;10/03	55060	7	19,20,36,37/02
51180	5	13/03	53111	3	31,44/02*	54169	3	16,37/02	55063	1	6/03
51200	4	14/03	53120	14	18,20,21,27,28,39,42/02;5,6,7,13/03	54180	6	19,41,43,50/02;5/03	55064	3	23,37,48/02;6/03
51220	8	33/02	53101	7	33/02;8,13/03	54195	2	5/03	55082	9	5/03
51222	6	51/02	53102	2	20,35,42/02	54200	4	21/02;5,8/03	55084	7	39/02
51225	3	27/02	53105	20	37/02;8/03	54201	6	21/02;8/03	55085	9	5/03
			53106	6	19*;20,24/02	54222	4	21,43/02	55100	8	29,36,37/02;6/03
			53107	16	35/02;6/03	54223	2	21/02;8/03	55101	4	7/03
			53110	1	29,40/02;10/03	54224	2	21/02;8/03	55102	3	24/02;4,5/03
			53111	3							

SECTION I

NM 14/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
55110	2	23,24,29,37/02;6/03	61190	4	39,41/02	62409	6	7/03	63200	5	52/02
55120	2	36/02;6,14/03	61200	7	17,21/02	62411	1	52/02	63201	9	40/02
55127	2	10,14/03	61204	5	13/03	62413	11	33/02	63210	3	45,52/02
55128	2	26,33,36,38/02;1,4,5,8,14/03	61210	6	17/02	62417	1	52/02	63220	5	26,45,52/02
55129	7	33,36,37/02;6/03	61220	5	17/02	62419	6	33/02;8/03	63230	6	17*,45/02
55130	2	27,45/02;5,14/03	61240	7	18/02	62420	5	33,37,39/02;8/03	63231	8	31,45/02
55131	1	27,36,45/02;6/03	61250	4	18/02	62429	9	17,27,39,43/02	63232	3	45/02
55133	3	5,14/03	61300	2	7/03	62431	8	26*,27,37/02	63233	15	31/02
55139	5	41/02	61310	2	33/02;7/03	62432	16	13/03*	63250	6	29,40/02;11/03
55140	2	1,5,14/03	61311	5	17,33/02	62433	12	15,30,31,34,45/02;1/03	63271	8	19,52/02;8/03
55150	2	24,28,29,37/02	61312	3	17,33/02	62434	9	40,46,52/02;8,12/03	63290	7	19,31,32,38/02;10/03
55160	2	18,24,28,29,42/02	61331	4	7/03	62437	9	32,46/02	63291	9	19,33/02
55161	1	29/02	61400	2	27/02;7/03	62439	4	1/03	63310	5	11/03
55170	2	18,29,31,36,41/02	61410	2	7/03	62440	7	15,17,20,49/02;6/03	63320	8	30/02
55175	1	24,28/02	61430	2	7/03	62441	10	16,36/02	63321	6	30,42/02;9/03
55180	2	33/02;1/03	61433	1	7/03	62448	2	23/02	63322	2	30/02;9/03
55190	2	6/03	61434	2	7/03	62449	4	15/02	63330	9	27,39/02;4/03
55200	2	27/02;8,10/03	61440	2	15/02	62451	7	21,23/02	63337	15	27,31,39/02;4/03
56031	1	1,2/03	61450	2	17,27/02	62453	3	25,33/02	63400	1	39/02;8,11/03
56042	6	22/02	61470	2	15/02	62455	7	17,27,39,43/02	63410	6	39/02;8,9/03
56043	6	22/02	61472	1	15,20/02	62456	1	27/02	63413	5	39/02
56044	3	22,38/02	61500	2	17/02	62457	6	11/03*	63417	2	39/02
56060	8	33/02;12/03	61510	2	15/02	62459	2	6/03	63420	2	39,45/02;8/03
56063	1	21/02	61520	2	15/02	62460	4	24,31,33/02;10/03	63424	2	45/02
56064	6	38/02;2/03	61522	1	15/02	62464	2	15*,31,49,50/02;4/03	71005	1	34/02;2,6,12,13/03
56065	3	33,38/02	61538	1	15/02	62480	1	15,18,23,30,31,33,37,43/02;6,8,10,13/03	71006	5	39/02
56067	3	48/02*	61540	2	15,20/02	62490	1	16,18,25,29,31,32,33,43,50,52/02;8,13/03	71009	3	39,46,48/02;1,6,7/03
56081	19	41/02	61550	2	17/02	62498	4	23,25,27,31/02;4,9/03	71012	3	19,33,39,46/02;1/03
56083	2	31/02	61560	2	15/02;7/03	62499	4	15*,25,27,31,49,50/02;4,9/03	71018	10	15,33,35,37/02;7,12,13/03
56100	13	41,49,50/02;1/03	61562	2	6/03	62510	3	11*,12/03	71027	9	15,19,20,22,24,25,34,38,45,49/02;2,4,5,14/03
56101	6	33/02;1/03	61581	5	18/02	62512	3	N15,N17,N20,N30,N31,N37,N43,N49/02;N10,N13/03	71033	31	15,23,37,38,49/02;3,12,14/03
56102	23	1/03	61582	4	18/02	62515	3	N11*,N12/03	71036	8	35,44/02;12,14/03
56103	6	18,30/02;1/03	61610	7	28,29/02	62516	2	26,45/02	71040	5	27,34,42/02;7/03
56104	2	41,49,50/02	61611	11	28/02	62517	5	15,17,20,30,31,37,43,49/02;10,13/03	71042	1	34/02
56120	12	1/03	61612	4	28/02	62520	5	15,17,20,30,31,37,43,49/02;10,13/03	71043	2	25/02*
56191	2	18/02	61650	3	17/02;12/03	62521	3	N15,N17,N20,N30,N31,N37,N43,N49/02;N10,N13/03	71044	1	27/02
56195	3	22/02*	62000	20	18,46/02	62530	5	31,33,43/02;8,13/03	71058	1	23,36/02
57029	9	12/03	62001	5	11/03*	62531	3	N31,N33,N43/02;N8,N13/03	71059	1	23,36/02
57035	10	10,12/03	62024	13	38,40/02	62540	6	17*,18,21,23,25,26,29,31,32,34,40,45,48,50,52/02;8,12/03	71061	15	23,36/02
57063	5	40,41/02	62028	15	18/02;10/03	62541	3	N17*,N18,N21,N23,N25,N26,N29,N31,N32,N34,N40,N45,N48,N50,N52/02;N8,N12/03	71066	1	39/02;6,7,10/03
57064	3	41/02	62032	16	11/03*	62550	2	30,43/02;10,13/03	71071	5	15/02
57101	18	41/02	62033	3	N11/03*	62560	3	21,23,25,29,52/02	71081	3	16/02
57120	13	43/02	62046	2	39/02	62570	4	17*,21,23,25,26,31,32,33,34,36,40,45,48/02;8,12/03	71091	4	1,2/03
57140	10	43/02	62050	6	18,44/02	62580	3	23,26,32,33,45/02;12/03	71140	6	33,39,46/02;1/03
57141	14	43/02	62092	7	41/02	62590	2	16,28,29,36,40,46,48/02;8,12/03	71180	29	33,37/02;7,12,13/03
57142	6	43/02	62093	7	16,41,49/02	62591	3	N16,N28,N29,N36,N46,N48/02;N8,N12/03	71183	13	32/02
57160	10	43/02	62095	3	11/03*	63000	13	27,28,48/02	71185	24	7,13/03
57161	4	31/02	62140	10	24,28/02	63005	18	15,25,31/02	71186	2	7/03
57162	7	43/02	62142	10	24,28/02	63010	14	26,29,31,52/02	71210	18	44/02;3/03
57164	2	43/02	62143	3	24,28/02	63015	11	31,38,40,52/02;9/03	71211	4	38/02
57165	1	43/02	62144	3	24/02	63020	15	27,31/02;4,9,11/03	71212	1	18,38/02
57170	1	43/02	62170	2	38/02	63040	2	46/02	71223	8	17/02
57200	6	11/03	62171	4	38,47/02	63050	2	17,46/02	71230	11	23,38/02;6/03
57220	4	11/03	62191	15	11/03*	63052	2	29/02	71241	10	18/02;6,12/03
57381	12	52/02	62193	17	17*,19,31/02	63054	3	19*,31/02	71243	4	33/02;13/03
57400	4	12/03	62194	8	17*,18,19,31,36/02;4/03	63055	2	29/02	71247	18	20,21/02;5,6,8,14/03
57408	2	12/03	62195	6	22,36,41/02;1/03	63060	7	25,28,32/02	71248	2	N51/02*;N1/03
57420	3	12/03	62225	3	17*,37/02	63062	7	18,28,29/02;7/03	71249	2	35/02
57460	4	10,12/03	62241	10	9/03	63063	9	27,29/02	71251	11	20,35,40/02;1/03
57471	3	12/03	62242	11	47/02;9/03	63065	6	18/02	71253	10	21,35,40,42/02;5,6,7,13,14/03
57472	2	12/03	62250	4	34,38/02	63070	3	20,27,28,29/02	71255	5	6,14/03
57480	8	12/03	62270	4	37,41/02	63080	5	26,27,28,31,48/02	71257	2	15,18,21,23,28/02;5,6,7,12,13/03
61000	20	10/03	62271	5	37,41/02;10/03	63090	8	25,31/02	71258	2	15,18,20,21,28,35/02;5,6,7,13/03
61015	8	17/02	62285	2	26/02	63091	4	26,27,32,39,48,52/02;9/03	71259	2	18,20,21,33/02;1,7,13/03
61018	4	18,24/02	62290	3	26,37,41/02;10/03	63100	2	15,44/02	71267	7	6/03
61020	2	17,28/02	62292	2	24/02	63101	15	17,19/02	71268	3	46*,49/02;7,13/03
61021	3	18/02	62302	2	4/03	63102	19	17,19,26/02	71271	10	23,25,30,34,52/02
61036	8	27/02;7/03	62310	2	27/02	63103	17	17,26,29/02	71272	10	23,30,34/02
61040	6	10/03	62313	4	17*,27/02	63110	4	40/02	71275	3	23,35/02;2,6/03
61050	4	10/03	62330	2	38,40/02	63111	9	17,25,48/02;9/03	71281	7	51/02
61060	5	12/03	62340	3	38/02	63120	2	44,48,52/02;8/03	71285	3	23,25,30,34,52/02;13/03
61061	9	10,12/03	62343	3	8/03	63121	5	48/02;5,8/03	71295	2	25,26,30,34,39,40,52/02;12/03
61070	4	9/03	62350	3	10/03	63150	1	15,25,31/02	71311	4	7/03
61080	4	9/03	62355	6	8/03				71313	8	45/02
61090	5	12/03	62360	5	18,38/02;12/03				71314	5	6,10/03
61091	5	12/03	62361	2	N18,N38/02;N12/03				71315	2	27,31,34/02
61100	4	10,12/03	62366	3	38,40/02;2/03				71320	1	35/02;5,14/03
61110	3	28/02	62392	7	18/02				71325	8	5/03
61112	10	17/02	62393	7	34,37,50/02						
61120	4	28/02	62394	10	34,37,50/02						
61130	3	28/02	62395	2	34,50/02						
61140	5	27/02	62400	17	23,24,33/02;4,9/03						
61141	6	38/02	62401	9	6,10/03						
61142	6	38/02;7/03	62402	10	10/03*						
61170	5	27/02	62404	3	6/03						
61180	4	20,27/02	62406	2	24,33/02						
			62408	7	15/02;10/03						

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
71330	13	35/02:5/03	74008	6	15,51/02	74393	9	16,18,19,25,28,31,38,41,50/02:3/03	75220	12	36,39,49/02:4/03
71331	11	5,7,8/03	74009	10	20,22,25,38,49/02:8,9/03	74394	2	18,19,28,31,41,49,50/02:3/03	75222	8	18,22,35,40/02
71333	2	6,7/03	74012	10	17,20,22,26,37,40,49/02:6,8/03	74410	3	16,20,25,38/02:7/03	75240	4	36,39/02:2,4/03
71335	2	8/03	74015	10	20,40/02	74415	1	39/02	75241	6	34,36/02
71340	11	18,19,22,40,46/02:2,4,5,6,7/03	74017	4	17,18,37,45/02	74420	3	45/02	75251	5	23,33,48/02:3/03
71343	3	7/03	74018	6	44/02	74430	2	49/02	75261	6	17,21,23,24,33,36,48/02:3,6/03
71348	3	18,35/02:7/03	74020	4	16,17,33,37,38,43/02:5/03	74440	3	32,39/02:2/03	75262	6	38/02
71350	8	15,18,20/02:5,6,7,14/03	74021	7	20,33,35,39,44/02:7,10/03	74450	3	21,22,26,49/02:2/03	75263	9	17,32/02:5/03
71400	5	14/03	74027	9	43,44/02	74455	3	19,21,23,48/02:1,4/03	75264	17	16,17,19,33,34,37,41,42,44,45/02:2/03
71401	1	40,46,51/02:5/03	74030	6	28,51/02	74460	4	21,22,26,37,40,46,49/02:6/03	75265	2	17,20,21,24/02:6/03
71402	1	18,40,46/02:4,5,6/03	74036	2	28,51/02	74465	2	9/03	76015	1	18,23,24,29,35,40/02
71410	1	39/02:12/03	74053	2	28/02	74470	2	8/03	76020	7	18/02
71420	1	38,39/02:3,12,14/03	74054	2	28/02	74475	2	44/02	76030	9	24,49/02
71430	3	11/03*	74151	9	20,24,27,36,44/02:2/03	74480	2	44/02	76050	8	24,49/02
71440	2	11/03*	74152	11	36,44/02	74485	3	16,43/02	76052	8	15,21/02:4,5/03
71445	1	7/03	74153	2	36,44/02:2/03	74492	7	16/02	76054	5	49/02
71450	1	22,25/02:7/03	74162	4	36,46,47/02:8/03	74493	3	16,38,43,45/02	76056	3	9/03
71455	2	11/03*	74171	4	33,36,47/02:3,10/03	74494	2	41/02:8,9/03	76060	7	40/02
71460	1	15,20,25,41/02	74172	5	36,47/02:7,10/03	74510	2	16,17,33,35,37/02:5,10/03	76066	3	40/02:9/03
71465	1	20/02	74181	8	23,28,33,35,37,38,39,47/02:10/03	74515	4	20,28,33,35,39/02:4,7,10/03	76070	9	23,35/02
71470	2	15,38/02:14/03	74182	12	23,24,25,26,28,33,35,37,38,39,41,42,44,51/02:6,10/03	74517	3	18,20,21,39,41/02:4/03	76071	9	23,35/02
72000	8	31,32,35,47,50/02:2/03	74183	11	38,39,42/02:4,6/03	74521	3	28,41/02	76080	8	1/03
72007	10	30,36,38,47,51/02:2,5,7,11/03	74184	10	23,24,28,33,35,37,38,46,48/02	74527	2	28/02	76083	3	1/03
72014	10	46/02:7/03	74186	7	18,34/02:4,10/03	74530	2	28,44/02	76110	5	23/02
72021	8	31,36,38,47,50,51/02:7/03	74190	7	22,23,26,35,36,37,46/02:1/03	74535	2	31,42,44,48/02	76120	6	22,23,25/02
72028	7	15,31,34/02	74191	2	19,22,24,26,35,46,48/02:1,7,9/03	74545	3	28,40/02	76140	7	46/02
72035	8	16,31/02:8/03	74192	3	24,26,28,35,46/02:1/03	74550	4	5/03	76141	8	19,46/02
72045	2	16/02:8/03	74200	8	18,21,27,28,37,46/02:1,8/03	74555	3	34,43,44,48,51/02:5/03	76142	1	46/02
72060	8	32,50/02	74201	9	27/02	74560	10	23,28,32,40,43,46,48,50/02:4,5/03	76150	6	35/02
72070	4	32/02:2,9/03	74202	3	16,21,24/02:1,7/03	74561	2	5/03	76151	7	22/02
72075	2	20/02:9/03	74203	5	21,24,27,37/02:1,7,8/03	74581	9	20,26,32,34,36,40,41,43,45/02	76161	10	40/02
72080	7	20,51/02:2,9/03	74205	2	16,24,25/02	74582	9	18,26,28,40/02	76170	7	29/02
72085	2	30,47,51/02:2,9/03	74206	2	24,34/02	74583	15	26,32,34,40,43,44,48/02	76180	1	18,22,23/02
72094	2	29,38/02:7/03	74210	8	17,23,25,26,35,47,51/02	74584	5	18,22,25,32,34,41,43,45/02	81002	6	18/02
72100	7	29/02:7/03	74211	2	35,51/02	74590	2	28,51/02	81023	5	18/02
72103	2	29/02:4,6,7/03	74212	8	17,23,25,26,35,47,51/02	74591	7	40/02:8/03	81054	13	14/03*
72105	2	36,38/02:7,11/03	74221	2	35,51/02	74595	2	28/02	81067	5	51/02:10,12/03
72107	2	15,27,29/02:7/03	74229	2	17,22,23,33,37,43,47/02	75000	6	47/02:6/03	81076	9	51/02:10,12/03
72109	3	42,44/02	74230	7	28,39,42/02:5,7/03	75001	3	23,47/02:5,6/03	81092	3	38*,50/02
72110	9	15/02	74231	7	19,23,35/02:3/03	75010	7	16,18,41,42,50/02	81711	6	23/02
72130	4	46/02	74232	9	15/02:5,7/03	75025	9	22,23,36,39/02:2,4,8/03	81715	4	23/02
72131	3	11/03	74234	1	8/03	75035	18	21,24,36,39/02:2,6/03	82015	13	22/02
72161	10	15/02:10/03	74240	8	15,34,39,42/02:4,5,7,8,9/03	75051	6	16/02:5/03	82020	7	22/02
72173	2	15/02	74251	8	15,17,23,25,26,31,32,34,37,42,44,46,51/02:6,9/03	75052	2	16/02	82030	8	18/02
72181	2	36/02:7,11/03	74252	9	19,47/02:5,7,9/03	75100	2	50/02	82210	2	42,48/02
72190	2	30/02:10/03	74253	6	15,17,19,23,25,27,32,47/02:8,9/03	75110	2	16,42/02	82242	1	35,48,50/02
72201	8	8/03	74261	9	15,25,41,49/02:4,10/03	75120	2	16,42/02	82244	5	35,42,48/02
72203	2	16/02	74265	2	15,17,18,19,25,31,38,41,43,47,49/02:7,9/03	75130	16	16,18,21,27,31,34,41,50,51/02:5,7,8/03	82253	7	35,48,50/02
72211	6	43/02:5,8/03	74270	3	18,19,26,31,38/02:7/03	75131	7	18,20,28/02	82374	9	22/02
72231	8	31/02	74271	9	19,28,38,46/02	75132	11	31/02	82377	2	22/02
72236	1	9,12/03	74272	7	26,32/02:4/03	75134	3	23,27,33,51/02:5/03	82580	2	19/02
73000	9	26,40,52/02:10/03	74273	5	18,19,31,38,41,43/02:7/03	75142	5	15,21,28,36,42,50/02	82646	2	19,33/02
73002	4	18,24,30/02:5,11/03	74281	7	3/03	75143	4	15,20,28,32,33,36,38,42,50/02	82649	5	18,20,33/02
73004	4	26/02:10/03	74283	2	46,49/02	75171	22	17,18,22,27,31,32,33,36,38,40,42,48,52/02:1,6/03	82683	4	18,33/02
73006	2	26/02	74285	2	31,34,35,45/02:1,9/03	75172	5	39/02	82684	3	18,33,38/02:7/03
73008	8	16/02:11,13/03	74286	2	15,22,24/02	75173	9	17,20,25,31,32,33,36/02:1,6/03	82689	3	18,38/02
73012	6	11/03*	74287	2	27,34,38,52/02:9/03	75175	9	16,18,31,33,38,40,45,50/02:6/03	82690	10	18,19,20/02
73014	10	48,52/02	74289	5	18,26/02:9/03	75177	7	18,27,42,50/02	82694	6	38/02
73016	4	15,44/02	74290	11	25,34,39,45,46,48,49,51/02:1,7,9,10/03	75180	2	8/03	82697	6	38,46/02
73020	9	25/02:9/03	74292	8	27,34,38/02:9/03	75185	2	22,47/02:8/03	83010	6	6/03
73024	3	39/02	74293	7	25,34,45,48/02:9/03	75190	2	23,47/02	83021	1	25,27,43/02
73030	4	20/02	74294	3	25,34,45/02	75191	6	22,25,37,38,43,47/02:8/03	83023	4	25,27,43/02
73032	4	25/02:9/03	74295	3	18,22/02:4,9/03	75193	6	22,49/02:1,5,7,10/03	83025	1	12/03
73041	2	18/02:5/03	74296	4	27,34,38,49/02:9/03	75207	2	36,52/02:4/03	83026	32	18,41/02:6/03
73191	3	7/03	74300	3	35/02:8/03	75208	2	26,50/02	83032	1	18/02
73271	7	21/02:13/03	74303	3	15/02	75213	2	36,52/02	83039	11	41/02:6/03
73552	4	25,34,45/02:1,7,9,10/03	74340	3	15,27/02	75215	2	36,39,40,52/02:7/03	83251	2	2,12/03
73570	7	34,45/02:1,10/03	74350	4	25/02				83252	8	18/02:2,12/03
73580	4	52/02	74376	5	43/02:9/03				83253	2	18/02:12/03
73581	4	16,52/02:3/03	74380	4	22,32/02:8,9/03				83382	9	20,25,27/02
73590	6	16,31,47,52/02	74391	3	15/02				83383	2	20,25,27/02
73601	3	15,17,24,26,31,34,35,47/02	74392	7	16,22,25,39/02				83385	19	20,27/02
73610	4	26,31/02							83392	5	31/02
73631	4	36,46/02:1/03							83393	2	N31/02
73640	5	23,36/02							83397	6	18/02:1/03
74000	6	24,36,47/02:2,7/03							83425	6	20,35/02
74002	2	18,25,27,28,35,47/02							83570	2	24/02
74003	5	22,25,28,47/02:7,10/03							83572	1	24/02
74004	2	18,35,37,39,47/02:9/03							83574	2	7/03
74005	2	18,19,31,34,35,46,47,51/02:4,7,9/03							83580	2	24/02:8/03
74006	2	26,31/02							91005	6	45/02
74007	1	36/02							91008	1	29,44,48/02:8,10,12/03

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
91030	3	21/02	94042	9	47,51/02;7/03	95103	8	42,43,45,47,52/02;4,6,7,10,12/03	96621	5	10/03
91080	4	21/02	94060	10	27,29,30,33,37,46,47/02;7,8,10,12,14/03	95120	7	17,20,21,42,43,52/02;1,4,14/03	96645	1	26/02
91096	1	21/02	94061	5	19,33,35,47/02	95138	8	45,46,48,49,50,52/02;8/03	96760	4	29,35,45/02
91170	2	38,41,44/02	94063	4	29,33,41/02;8/03	95140	15	15,18,22,38,40,41,44,48,49,52/02;1,7,8,9,10/03	96762	3	29/02
91280	7	19,22/02	94067	10	33/02;10,11/03	95141	8	45,47,50,52/02;1,6,7,8/03	96763	7	29,43,48/02;9/03
91286	10	20/02	94080	7	15,27,29,30,33,44,48/02;10/03	95142	9	15*,18,19,50,52/02;8,10/03	96764	2	19/02;7/03
91289	19	19,20/02	94082	8	25,27,30,44/02;8/03	95143	11	15,18,40,45,47,48,49,50/02;1,5,6,7,8,9,10,11,12,13/03	96800	4	19*,41/02
91300	3	21,22/02	94083	12	17,25,44/02	95144	9	19,38,41,46,48,50,52/02;1,6,8,9,10,11,13/03	96840	3	19/02
91331	3	21/02	94084	1	23,25/02	95146	14	19,36,38,39,40,41,44,46,47,48,50,52/02;1,8,9/03	96901	3	19,27/02;7/03
91340	3	19,21/02	94120	6	19,21,33,38,48,52/02;9,10/03	95147	13	39,41,44,45,46,47,48,49/02;1,5,9/03	96902	2	45/02
92006	5	45,46/02;5/03	94122	7	19,30,40/02	95149	9	15,18,22,34,36,37,38,41,43,48,49,52/02;8,9/03	96904	2	27,41/02;12/03
92010	3	19/02	94123	9	21,33,38,42,44,52/02;9,10/03	95151	17	15,18,34,36,37,38,40,47,50/02;1,5/03	96906	2	27/02
92020	2	19/02	94124	13	38,42,44/02;10/03	95152	5	37,38/02;6,9/03	96910	1	10/03
92025	3	21/02	94127	2	21,33,38/02;6,9,13/03	95153	2	15,22,34,36,37,38,43/02	96937	2	40/02
92030	4	19,21/02	94160	7	26,27,33,38,44,46,47,50,51,52/02;9,10,12/03	95160	13	15,27,41,42,47,52/02;1,6,8,9,11/03	96938	4	4/03
92033	5	45/02	94164	2	26,27,46,50,51/02;12/03	95162	2	20,40,44,47/02;10,14/03	96939	3	4,7,9/03
92060	3	21/02	94180	4	20,26,50/02	95163	2	27/02;1,6,9,10,13,14/03	96941	8	47/02
92061	3	21/02	94182	3	26,32,42,44,47,50,51/02	95164	4	43,48/02;1,6,9/03	96943	15	44/02;1,9,10,12/03
92115	1	15/02	94184	2	N51/02	95166	10	44/02;1,6,9,11,14/03	96944	6	45,52/02;6,13/03
92200	3	19/02	94187	3	32/02;14/03	95169	2	44,50,52/02;11/03	96945	3	43,52/02
92210	3	18*,19/02	94188	2	44,46,47,51/02;8/03	95171	1	1,6,9/03	96947	15	6,12,13/03
92214	4	19/02	94201	1	51/02	95172	1	1,9/03	96949	21	45/02
92216	3	23/02*	94203	10	22,26,41,42,44,46,47,52/02;10,11/03	95173	1	15,16,17,50,52/02;1/03	96960	3	7/03
92450	3	21/02	94206	3	22,26,41,42,44,47,52/02;11/03	95174	1	17,50,52/02;12/03	96962	4	19,30,35/02;1,9/03
92470	3	19,21/02	94207	5	N26,N42,N44,N47,N52/02;N11/03	95176	2	16,20,31/02;8,11/03	97021	7	16/02
92560	4	45/02	94208	6	N44/02	95177	1	18,41,50/02;9/03	97026	10	23/02
93006	2	21,39,45/02;4,8,10/03	94216	6	27,45/02;10/03	95180	11	15,17,18,27,40,42,44,49/02;1,6,9,10/03	97029	3	19/02
93010	6	15,17,22,27,38,40,41/02;2,13,14/03	94217	4	30/02;6/03	95185	2	20,31,40,44,49/02;10/03	97040	5	43,47/02
93018	8	27/02;1,14/03	94218	3	30,36/02;6/03	95250	4	44/02;1,7,13/03	97041	9	45,47/02;10,12/03
93020	2	15,24,38/02;4,13/03	94219	1	47/02	95252	2	44/02;1,7,13/03	97042	7	14/03
93022	4	18/02	94220	4	22,26,41,42,47,49/02;8,10,11/03	95253	3	6/03	97043	2	17,23/02;14/03
93025	5	45/02	94260	5	49/02;1,6,11/03	95256	7	48/02;1,5,9/03	97060	8	46/02;12,14/03
93030	6	18,45/02	94280	5	51/02	95262	13	41,46/02;1,6,9/03	97061	3	52/02
93032	3	45/02	94281	6	6/03	95264	8	48/02	97062	12	27,44/02;6,10/03
93043	1	45/02	94282	9	46/02;8/03	95267	5	17/02;13/03	97064	2	6,14/03
93046	1	45/02;5/03	94283	7	46/02;2,8,12/03	95268	16	39,48/02;6,9,13/03	97082	5	24,46/02
93047	2	45,49/02	94290	2	1,7/03	95270	4	48/02;9,10,13/03	97083	3	24/02
93048	1	35,49/02;5,14/03	94322	14	8/03	95271	4	44,48/02;9,10,12,13/03	97100	4	20,28,42,47/02
93049	1	45/02;4/03	94326	6	18,32,43/02;6,13/03	95272	2	48/02	97101	1	28/02
93061	4	45/02	94363	4	32,43/02	95273	3	48/02	97104	4	20/02;7/03
93101	2	N24,N34,N38/02;N2/03	94380	4	N5,N6/03	95276	3	21/02*	97105	3	20/02
93110	2	22,24,38,40,41/02;1,2/03	94384	3	5/03	95280	9	17,48/02;8/03	97120	6	15,22,28,31,37,40,42,43/02;9,14/03
93113	2	19/02	94420	10	15,45/02;4/03	95282	7	46,52/02;4,6,9/03	97140	17	15,22,33,37,39,43,45/02;7,9,14/03
93115	2	40,41/02	94423	12	19,45/02;11/03	95300	5	16,45,48,52/02	97141	5	19,21,40,46/02;8,13/03
93117	2	19,40,41/02	94427	2	N32/02	95320	15	35,38/02	97143	11	21,31,43,45/02;9,13/03
93160	4	15*,27,34/02;1,14/03	94440	2	46/02	95341	8	18,19,42,47/02;1,10/03	97144	14	44*,46/02;7,8,9,13/03
93180	7	27,34/02	95016	8	40/02	95342	16	30/02;9,13/03	97145	1	15,22,43/02;8,9/03
93200	4	26,27/02	95040	8	40/02;11/03	96004	14	16,17,44,45/02	97146	10	44/02*
93220	6	17,27,34/02	95060	13	15,16,40,43,44,47,48,52/02;1,6,11,14/03	96032	4	41/02	97149	9	21*,23,45/02;9/03
93240	11	17,34/02	95065	5	48/02;10/03	96039	7	16,17,30/02	97150	20	25,34,35,44,45/02;1/03
93241	9	8/03	95066	11	15,16,18,19,20,41,43,44,47,48,49,50/02;1,5,6/03	96041	11	16,17,30/02	97151	13	34,39,43,44/02
93243	6	42/02	95067	13	18,41,44,46/02;1,5,10/03	96042	11	16/02;10/03	97152	8	37/02
93247	4	26/02	95068	1	41,42,45,47/02;12,14/03	96043	8	16/02	97153	7	31/02
93260	8	27,31/02;7/03	95080	13	16,18,25,27,30,33,40,44,45,50,52/02;1,6,7,9,10,14/03	96044	10	29,30/02	97154	2	36/02
93261	5	31/02;7/03	95082	9	19,21,25,27,30,33,44,46/02;1,4,7,11/03	96120	6	30/02	97155	14	20,31,35,36,37,39,40,48/02;12,13/03
93360	5	38/02	95083	8	21,25,33/02;1,4/03	96140	5	30/02	97156	6	21,37/02;1,14/03
93385	6	18/02	95084	7	15,16,18,50,52/02;8,12/03	96379	1	10/03	97157	1	35,37/02
93420	4	18/02	95085	4	15,45,52/02;1,6,11,12/03	96381	2	10/03	97159	6	33,39/02;7,14/03
93440	4	18/02	95086	5	15,45,52/02;1,6,8,11,12/03	96382	2	10,12/03	97163	14	23/02;14/03
93520	13	45/02	95087	3	19,21,25,33,40,48/02;1,8/03	96400	4	12/03	97164	1	7,14/03
93610	3	44,45/02;6/03	95100	12	15,16,18,38,39,43,44,45,46,47,50,52/02;1,4,6,7,8,9,10/03	96441	1	41/02;10/03	97165	1	7/03
93650	2	19,44/02;6/03	95101	8	15,39,44,50/02;1,5,6,9,14/03	96480	3	41/02	97166	1	33/02
93652	2	3,6/03	95102	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14/03	96520	7	10/03	97167	2	23,33/02
93680	3	45,47/02				96521	3	N19/02*	97180	6	22,31,34,39,43,45,46,48/02;4,8,13/03
93690	2	44/02;6/03				96540	5	10/03	97181	20	18,22,25,31,34,46,48/02;1,4,7,8,12,13,14/03
93698	3	45/02				96560	5	10/03	97182	13	18,21,23,31,34,39,46,48/02;1,4,5,6,7,8,12,14/03
93710	3	26/02;6/03				96580	3	10/03	97183	9	25,44/02;5,9,14/03
93720	10	39,45,50/02;8/03							97184	15	25,28,47/02;1,7,12,14/03
93721	5	20,22,26,32,39,42,45,50/02;4,11/03							97185	2	43/02;1,7/03
93725	6	20,45/02							97187	3	44,48/02;9/03
93726	4	26,48/02;8,12/03							97188	2	1,7,13/03
93730	3	21,39,40,42,45,47,50/02;2,4/03							97189	2	25,28,44/02;9,14/03
93733	13	17,21,22,26,32,39,45/02;4/03							97190	2	22,34,39,52/02;8,13/03
93734	11	17,22,26,32,45/02;4/03							97200	9	52/02;8/03
93736	22	16,22,26,32,41/02;4/03							97202	15	43,44,52/02
93778	8	47/02;7/03							97204	9	28,29,45,52/02;4,6,10/03
94004	6	19,29,30,33,37,44,52/02;8,9,10,12/03							97218	3	21,41/02;6/03
94016	2	23,33,35,52/02;3,9,10,14/03							97219	4	21,25,31/02;6,9,13/03
94028	7	23,25,40,42,52/02;1,6,7,8,9,11,14/03									
94040	13	30,37,47,51/02;6,8,10/03									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/02 THROUGH NM 14/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
97220	3	21,24,31,37,39,42,43,44/02;6,8,9/03	97421	13	20,35,36/02;1,10,13/03
97221	20	21,24,31,37,39,42,44,45,49,52/02;6,8,9,10,13/03	97423	2	20,35,36/02;1,13/03
97222	12	25,28,47/02;10/03	97425	6	34,39,47,52/02;1,6,8,10/03
97223	3	42,44,48/02	97440	8	20,23,27,52/02;1/03
97224	6	18,25,27,46,47,49/02	97441	5	20,46/02
97225	31	21,24,37,39,42,44,45/02;6,8,9,10/03	97460	7	40/02;5/03
97226	7	17/02	97461	9	21/02;5,8/03
97227	11	21,24,42,43/02;9/03	97465	9	21/02;1,6,8/03
97228	15	21,28,30,39,40,42,43/02;5,6,9/03	97466	2	25,46/02;1/03
97229	12	18,24,27,31,36,39,47/02;6,8,9/03	97469	10	26/02;1,6,8/03
97230	18	29,36,52/02;6,9/03	97471	5	N31/02
97231	11	21,41/02;6/03	97472	8	34/02
97232	8	15,20,25/02	97474	7	21/02
97233	11	31,33,43,44,49/02;1,5,6,9/03	97480	7	21,35,52/02;3,9,10/03
97234	17	29,43,47,49/02;1,6,8,9/03	97481	6	47,49/02;9/03
97236	20	31,47/02;9/03	97483	7	48,52/02
97239	10	31,33/02;1,5,9/03	97521	6	19,42/02
97241	6	10/03	800669	8	N20/02
97243	8	21,28,29,31,33,48/02;1,5,6/03	800744	1	N22,N49/02;N5,N12,N13/03
97244	5	9/03	801217	1	N21/02;N6,N8/03
97245	11	17,28,36/02;1,5,9/03	801885	3	N28/02
97246	7	43,52/02;5/03	802202	8	N23,N31,N35/02;N1,N7/03
97251	4	6,10/03	802260	5	N20/02
97261	15	17,18,41/02;1,5,7/03	803404	2	N26/02
97262	10	21,29,34/02;1,5,6,7/03	804037	1	N28/02
97263	10	5,7,9/03	804059	2	N20/02
97266	5	17,37,41/02;1,5,6,7,14/03	804567	4	N17/02
97267	16	17,18,25,29,40,41/02;1,5,6,8,10,13/03	805118	3	N12/03
97268	10	6/03	805647	2	N37,N51/02
97269	11	20,45/02;8,13/03	807861	2	N27/02
97270	6	36,44/02;1,5/03	808365	2	N14/03
97271	12	17,18,25,29,37,39/02;6,10,12/03	808528	1	N25/02
97272	11	19,52/02;6,10,12,14/03	809310	9	N18,N39/02
97273	10	19,27,34,42,45,49/02;6,8,9,13,14/03	809679	2	N25,N50/02;N12/03
97274	19	19,27,31,34,39,45/02;6,9/03			
97276	1	27,29,40/02;9/03			
97277	11	17,27/02;1,5,6,8,9,14/03			
97278	11	39/02;1/03			
97279	9	27/02;9/03			
97280	4	52/02			
97281	2	41/02			
97283	3	45/02;9/03			
97285	6	19,23,27,31,34,42/02;7,13/03			
97286	6	21,23,25,27,31,34,35,36,41,42/02;6,8,10,13/03			
97287	5	34/02			
97300	6	1,13/03			
97303	3	18,25,47,48/02			
97320	6	33/02;14/03			
97340	8	27,33,38,52/02			
97341	9	27,34/02			
97342	14	27,38/02			
97343	12	27,38/02			
97360	6	20,23,27,38/02;5,7,13/03			
97380	7	21,39,47,52/02;1,2,8/03			
97381	7	27/02;7,13/03			
97382	2	41,45/02;4/03			
97383	16	31/02;5,7,13/03			
97384	4	47/02			
97385	10	31,52/02;5,6,7,9/03			
97387	2	4,5,7/03			
97389	1	39/02			
97390	5	31,39,40/02;2,5,12/03			
97391	26	31/02;6,7,12/03			
97392	5	21/02;1/03			
97396	14	18,21,36,39,40/02;2/03			
97397	7	18,25,39,49/02			
97398	3	21,25,49/02			
97400	3	25,26/02;1,12/03			
97410	8	21/02			
97412	7	40/02			
97420	17	21,34,39,42,47,52/02;1,8,10/03			

SECTION II

NM 14/03

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
REGION 1							
11AHA11341 (7642014010130)	Calcasieu Pass to Sabine Pass (LORAN-C) (New edition due to changes in hydrography and numerous Notice to Mariners corrections)	80,000	<u>39</u>	<u>2/03</u>	NOS	1-94	14/03
11BCO11424 (7642014010190)	Lemon Bay to Passage Key Inlet (LORAN-C) (New edition due to numerous Notice to Mariners corrections)	80,000	<u>18</u>	<u>1/03</u>	NOS	1-94	14/03
11XHA11518 (7642014010267)	Casino Creek to Beaufort River (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000	<u>33</u>	<u>1/03</u>	NOS	1-94	14/03
12AHA12214 (7642014010303)	Cape May to Fenwick Island (LORAN-C) (New edition due to numerous Notice to Mariners corrections)	80,000	<u>44</u>	<u>2/03</u>	NOS	1-94	14/03
12AHA12222 (7642014010301)	Cape Charles to Norfolk Harbor (New edition due to numerous Notice to Mariners corrections)	40,000	<u>43</u>	<u>2/03</u>	NOS	1-94	14/03
12AHA12245 (7642014010316)	Hampton Roads (New edition due to numerous Notice to Mariners corrections)	20,000	<u>61</u>	<u>1/03</u>	NOS	1-94	14/03
13AHA13213 (7642014010415)	New London Harbor and Vicinity Inset: Bailey Point to Smith Cove (Inset not shown on index) (New edition due to various general changes)	10,000 5,000	<u>40</u>	<u>2/03</u>	NOS	1-95	14/03
14XHA14929 (7642014010695)	Calumet and Indiana Harbors (New edition due to numerous Notice to Mariners corrections)	15,000	<u>24</u>	<u>2/03</u>	NOS	1-96	14/03
14XCO14966 (7642014010602)	Little Girls Point to Silver Bay (LORAN-C) Insets: Two Harbors, MN Port Wing, WI Cornucopia, WI Knife River, MN (New edition due to numerous Notice to Mariners corrections)	120,000 10,000 5,000 5,000 5,000	<u>25</u>	<u>2/03</u>	NOS	1-96	14/03
16BCO16593 (7642014011283)	Chiniak Bay to Dangerous Cape (LORAN-C) (New edition due to various general changes)	80,000	<u>11</u>	<u>2/03</u>	NOS	1-97	14/03
17BHA17385 (7642014011409)	Ernest Sound, Eastern Passage and Zimovia Strait Inset: Zimovia Strait (New edition due to numerous Notice to Mariners corrections)	80,000 20,000	<u>14</u>	<u>2/03</u>	NOS	1-98	14/03
18BHA18432 (7642014011564)	Boundary Pass (New edition due to numerous Notice to Mariners corrections)	25,000	<u>5</u>	<u>1/03</u>	NOS	1-98	14/03
18AHA18453 (7642014011514)	Tacoma Harbor (New edition due to numerous Notice to Mariners corrections)	15,000	<u>24</u>	<u>1/03</u>	NOS	1-98	14/03
18BHA18663 (7642014007777)	Medford Island to Stockton (New edition due to numerous Notice to Mariners corrections)	20,000	<u>5</u>	<u>1/03</u>	NOS	1-98	14/03
19BHA19442 (7642014011688)	Lisianski and Laysan Islands Inset: West Coast of Laysan Island (New edition due to changes in horizontal datum)	40,000 10,000	<u>5</u>	<u>2/03</u>	NOS	1-99	14/03
REGION 8							

NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
81AHA81054 (7642014013790)	Apra Harbor (New edition due to numerous Notice to Mariners corrections)	10,000	<u>13</u>	<u>2/03</u>	NOS	8-22	14/03

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SAILING DIRECTIONS CORRECTIONS

PUB 120 2 Ed 2001 LAST NM 12/03

Page 100—Line 27/L; insert after:

Archipelagic Sea Lanes

Archipelagic Sea Lanes (ASL), as defined by the United Nations Convention on the Law of the Sea (UNCLOS), have been designated through the Indonesian archipelago. The axis lines of the nine ASLs, which may be seen on the accompanying graphic, are, as follows:

1. **ASL I** (South China Sea-Selat Karimata-Western Java Sea-Selat Sunda-Indian Ocean)
 - a. 3°35'00"N, 108°51'00"E.
 - b. 3°00'00"N, 108°10'00"E.
 - c. 0°50'00"N, 106°16'20"E.
 - d. 0°12'20"S, 106°44'00"E.
 - e. 2°01'00"S, 108°27'00"E.
 - f. 2°16'00"S, 109°19'30"E.
 - g. 2°45'00"S, 109°33'00"E.
 - h. 3°46'45"S, 109°33'00"E.
 - i. 5°12'30"S, 106°54'30"E.
 - j. 5°17'15"S, 106°44'30"E.
 - k. 5°17'15"S, 106°27'30"E.
 - l. 5°15'00"S, 106°12'30"E.
 - m. 5°57'15"S, 105°46'20"E.
 - n. 6°18'30"S, 105°33'15"E.
 - o. 6°24'45"S, 104°41'26"E.
2. **ASL IA** (Northeast of Pulau Bintan)
 - a. 1°52'00"N, 104°55'00"E.
 - b. 0°50'00"N, 106°16'20"E.
3. **ASL II** (Celebes Sea-Selat Makasar-Selat Lombok-Indian Ocean)
 - a. 0°57'00"N, 119°33'00"E.
 - b. 0°00'00", 119°00'00"E.
 - c. 2°40'00"S, 118°17'00"E.
 - d. 3°45'00"S, 118°17'00"E.
 - e. 4°28'00"S, 117°05'00"E.
 - f. 7°00'00"S, 116°50'00"E.
 - g. 8°00'00"S, 116°00'00"E.
 - h. 9°01'00"S, 115°36'00"E.
4. **ASL IIIA-Part 1** (Pacific Ocean-Molucca Sea-Ceram Sea-Banda Sea)
 - a. 3°27'57"N, 127°30'30"E.
 - b. 1°40'00"N, 126°40'30"E.
 - c. 1°12'00"N, 126°45'00"E.
 - d. 0°09'00"N, 126°35'00"E.
 - e. 1°53'30"S, 127°35'00"E.
 - f. 2°37'57"S, 126°30'00"E.
 - g. 2°53'00"S, 125°40'00"E.
 - h. 3°20'00"S, 125°45'00"E.
 - i. 7°50'00"S, 125°35'09"E.
5. **ASL IIIA-Part 2** (Savu Sea-Indian Ocean)
 - a. 8°51'57"S, 124°30'00"E.
 - b. 9°03'00"S, 123°40'00"E.
 - c. 9°23'00"S, 122°45'00"E.
 - d. 10°12'00"S, 121°35'00"E.
 - e. 10°44'30"S, 120°35'45"E.

6. **ASL IIIB** (Banda Sea-Selat Leti)
 - a. 3°20'00"S, 125°30'00"E.
 - b. 4°00'00"S, 125°40'00"E.
 - c. 8°03'00"S, 127°21'12"E.
7. **ASL IIIC** (Banda Sea-Aru Sea)
 - a. 3°20'00"S, 125°30'00"E.
 - b. 4°00'00"S, 125°40'00"E.
 - c. 6°10'00"S, 131°45'00"E.
 - d. 6°44'00"S, 131°35'00"E.
8. **ASL IIID** (Savu Sea-between Savu and Roti-Indian Ocean)
 - a. 9°23'00"S, 122°55'00"E.
 - b. 10°58'00"S, 122°11'00"E.
9. **ASL IIIE** (Celebes Sea-Molucca Sea)
 - a. 4°32'12"N, 125°10'24"E.
 - b. 4°12'06"N, 126°01'00"E.
 - c. 1°40'00"N, 126°57'30"E.

The use of an ASL is not mandatory. However, vessels electing to make an ASL Passage shall not deviate more than 25 miles from the axis line. Where an island borders the ASL, vessels in an ASL Passage may not navigate closer to the coast than 10 per cent of the distance between the nearest point of land and the axis line of the ASL. Vessels may still transit this area in innocent passage. Outside sea lanes or normal routes, vessels must transit archipelagic waters in innocent passage.

Vessel traffic in an ASL is not separated, except within a traffic separation scheme. Where a traffic separation scheme exists, the rules for the use of the traffic separation scheme applies.

It should be noted that the axis lines of the ASL do not mark the deepest water, any route, or any recommended track.

(9(1103)03 Taunton; BA NM 9/03, Section IV) 14/03

Page 100—Line 27/L; insert after:

New graphic titled **Indonesia—Archipelagic Sea Lanes (ASL)** from back of this Subsection.

(9(1103(P))03 Taunton) 14/03

PUB 154 8 Ed 2002 LAST NM 3/03

Page 13—Line 10/R; read:

prominent water tower stands 1.3 miles

(Can NM 2W/03, Section 4) 14/03

Page 218—Lines 1 to 2/R; read:

The Stewart Bulk Terminal Wharf is situated on the W shore, about 1 mile S of Stewart. It is 244m long and has a depth of 10.9m

(Can PAC 206; Can NM 2W/03, Section 4) 14/03

Page 218—Line 7/R; read:

end and 7.4m alongside the N end. There are also facilities for

(Can NM 2W/03, Section 4) 14/03

PUB 154 (Continued)

Page 223—Lines 38 to 39/R; read:
Point, at the S extremity of Price Island.
(Can NM 2W/03, Section 2)

14/03

Page 251—Lines 26 to 27/R; read:
with sand and stony beaches. A drying rock lies almost in
midchannel,
(Can NM 2W/03, Section 2)

14/03

PUB 172 9 Ed 2001 LAST NM 13/03

Page 170—Line 21/L; insert after:

It has been reported (2003) that the main quay has been
extended by an additional 600m.
(PUBS 010-03)

14/03

Page 170—Line 24/L; read:

Van Ommeran Tanker Terminal (Vopac Enoc Terminal), a
T-head jetty 1,000m long,
(US NM 40/62366/02)

14/03

Page 170—Line 30/L; insert after:

It has been reported (2003) that an SPM has been moored
offshore E of the terminal; vessels with a draft up to 26m can
be accommodated.
(PUBS 010-03)

14/03

PUB 180 3 Ed 2002 LAST NM 13/03

Page 77—Line 6/L; insert after:

Vessel Reporting System

All vessels must report to the Icelandic Coast Guard (ICG)
at least 24 hours before entering port. The information
required in the report is given in the accompanying table.
Reports can be sent to the ICG, as follows:

1. E-mail:
 - sar@lhg.is
 - vms@lhg.is
2. INMARSAT-C
3. Coast radio stations

Note.—Telefax transmissions of the required information
to the ICG will not be accepted.

Iceland Reporting System Message Format	
Line	Description
A	Vessel name, IMO registration number, and call sign
B	Nationality
C	Vessel type
D	Date of transmission—(6 digits—day of month (2 digits), month (2 digits), and year (2 digits))
E	Time of transmission in UT(GMT) (4 digits—hour (2 digits) and minutes (2 digits))
F	Current position—latitude (4 digits followed by N) and longitude (5 digits followed by E/W)
G	Last port of call
H	Destination (port in Iceland)
I	ETA at first port in Iceland (date and time as expressed in D and E)
J	Other ports of call in Iceland
K	Port of departure in Iceland
L	ETD from last port in Iceland (date and time as expressed in D and E)
M	Destination after Iceland
N	Agent in Iceland
O	Crew/passenger list in this order: <ol style="list-style-type: none"> 1. Nationality 2. Last name 3. First name 4. Date of birth 5. Sex 6. Passport number 7. Rank (if crew member)

(BA NM 9/03, Section VI)

14/03

COAST PILOT CORRECTIONS**COAST PILOT 3 35 Ed 2002 Change No. 27
LAST NM 13/03**

Page 132—Paragraph 39, lines 4 to 5; read:
water and therefore are not charted. In July 2002, the con-
trolling depth was 3.9 feet (4.8 feet at midchannel) in the
entrance ...

(BPs 178445-46; NOS 12324)

14/03

Page 155—Paragraph 153, lines 1 to 4; read:

In October 2002, the controlling depths were 6.3 feet off
the entrance to the jetties, thence in February-March 2002,

COAST PILOT 3 (Continued)

6.0 feet through the jetties, thence 3.6 feet to the Mispillion River Buoy 2; thence in 1988, the centerline controlling depth was 2 feet to the State Route 14 bascule ...
(BP 179409; BPs 177491-94) 14/03

Page 158—Paragraph 208, lines 8 to 12; read:
project at the highway bascule bridge in Salem. In July 2002, the controlling depths were 12.6 feet to Light 4, thence 13.8 feet to Light 14, thence 16 feet through the landcut, thence depths of 14.2 to 16 feet were in the basin, thence 16 feet to the head of the project near the highway ...
(BPs 178581-82) 14/03

Page 193—Paragraph 23, lines 4 to 5; read:
Bennett Creek. In April 2002, the midchannel controlling depth was 4.4 feet in the entrance channel to the mouth of the creek. The creek has deeper ...
(BP 178315) 14/03

Page 193—Paragraph 28, lines 2 to 6; read:
Nansemond River, about 10 miles above the mouth. In November 2001, the controlling depths in the dredged channel were 0.8 foot in the south half with shoaling to bare in the north half for about 0.7 mile above the mouth; much greater depths can be carried with local knowledge; thence ...
(BP 177725; CL 954/02) 14/03

Page 193—Paragraph 37, lines 3 to 4; read:
March 2002, the controlling depths were 6.5 feet through the entrance and up the river channel to Daybeacon 15, thence 4.9 feet in the north half and 3.7 feet in the south half of the river channel to Daybeacon 17, and thence 6.1 feet to Smithfield.
(BPs 178362-67; CL 1499/02) 14/03

Page 202—Paragraph 84, lines 4 to 10; read:
public landing 1.5 miles above the entrance. In May-June 2002, the midchannel controlling depth in the entrance and harbor channels was 6.1 feet, with depths of about 5.9 to 8.2 feet in the turning basin. Commerce in the harbor consists chiefly of fish and shellfish.
(BP 178988) 14/03

Page 202—Paragraph 92, lines 3 to 7; read:
a light and daybeacons. In May 2002, the midchannel controlling depth was 6.5 feet to just below Daybeacon 3; the area between Daybeacon 3 and Daybeacon 7 had extensive shoaling from 8 feet in the outside northeastern quarter to 1 foot in the southwestern half; thence the controlling depths were 5.9 feet (8 feet at midchannel) in the rest of the channel to Daybeacon 10; inside Jackson Creek, above Daybeacon 10, natural depths of about 8 to 9 feet were available in the middle of the creek channel.
(BP 179475; NOS 12235) 14/03

Page 202—Paragraph 96, line 5; read:
controlling depth of 9.4 feet at midchannel, in April 2002, ...
(BP 178351) 14/03

Page 205—Paragraph 152, lines 3 to 7; read:
Totuskey Bridge, 4 miles above the mouth. In April 2001, the midchannel controlling depth in the entrance channel and in the creek channel to the bridge was 4.2 feet. The channel is narrow in places and difficult to follow, deeper water is available with local knowledge. A timber-and-bush dike on the ...
(BPs 178073-77; LL/02) 14/03

Page 220—Paragraph 211, lines 2 to 9; read:
Pentagon Lagoon. In February 2000, the controlling depth was 7.5 feet in the entrance channel, thence depths of 5 to 8 feet were at the marina on the north side of the lagoon. Depths of about 2 to 7 feet are available in the rest of the lagoon. The fixed bridge over the entrance is a stone arch, 100 feet between the piers, with a clearance of 18 feet over the middle 41 feet. Complete berthing facilities, gasoline and some supplies are available at the marina. Hull and engine repairs can be made; marine railway, 30 feet. **Boundary Channel,** which extends ...
(BP 177350; CL 603/02) 14/03

Page 237—Paragraph 46, lines 7 to 8; read:
about 8 miles and depths are 8 feet or more all the way. In July 2002, the channel inside Guilford Creek had a midchannel controlling depth of 4.9 feet to the turning basin, thence depths of 5.2 to 6.0 feet were in the basin.
(BPs 179585-87) 14/03

Page 237—Paragraph 48, lines 5 to 7; read:
Light 1 has a seasonal fog signal. In August 2002, the midchannel controlling depth was 6.5 to the basin, thence depths of 4.9 to 7.0 feet were in the basin, except for lesser depths on the sides. **Saxis,** on the northeast side of the ...
(BP 179412) 14/03

**COAST PILOT 4 34 Ed 2002 Change No. 3
LAST NM 12/03**

Page 198—Paragraph 19, lines 6 to 10; read:
Rudee. In July 2002, the controlling depths were 10 feet in the entrance channel to the safety area, thence natural depths of 5.4 to 7 feet in the safety area and in the short channel to the narrow jettied entrance to Lake Rudee, thence 8.4 feet in the basin inside Lake Rudee entrance ...
(CL 2295/03; BPs 179597-98) 14/03

Page 199—Paragraph 37, lines 6 to 7; read:
the small-boat basin. In January 2003, the controlling depth was 3.6 feet in the channel with 5.7 feet in the middle of the basin.
(BP 179884) 14/03

Page 210—Paragraph 238, line 12; read:
0.3 mile below Bayboro has a clearance of 75 feet.
(CL 1995/02) 14/03

COAST PILOT 4 (Continued)

Page 221—Paragraph 83; insert after:

A small-craft facility 600 yards below the U.S. Route 17 highway bridge on the west side of the river; berths, gasoline, pumpout, electricity, water, marine supplies, surfaced launching ramp, engine repairs and a 6-ton lift are available. An approach depth of 3 feet and alongside depth of 5 feet were reported in 2002.

(CL 1761/02) 14/03

Page 252—Paragraph 82, lines 6 to 7; read:

advised. March 2002, the reported controlling depth in Mackay Creek was 4 feet. U.S. Route 278 highway bridge over ...

(CL 1403/02) 14/03

Page 276—Paragraph 71, line 16; read:

bridge, has a fixed span with a reported authorized clearance of 75 feet.

(CL 210/03) 14/03

Page 330—Paragraph 128, lines 14 to 15; read:

117.59 and 117.821 (b)(6), chapter 2, for regulations.)

(CL 1906/02) 14/03

Page 330—Paragraph 141; read:

At **Mile 360.5**, a fixed highway bridge with a reported clearance of 65 feet crosses the waterway.

(CL 1930/02; 36/02 CG7) 14/03

Page 347—Paragraph 505, lines 3 to 4; read:

gasoline, diesel fuel, water, ice and pumpout are available. A marine railway can handle crafts up to 60 feet and a 25-ton lift is available for hull, engine and electronic repairs.

(CL 993/01) 14/03

Page 348—Paragraph 518, line 18; read:

40-foot bascule span with a clearance of 21 feet; and at 3.9 miles, state highway 595 bridge has a clearance of 40 feet. The Southeast ...

(CL 2080/02) 14/03

Page 348—Paragraph 519; strike out.

(CL 2080/02) 14/03

**COAST PILOT 5 30 Ed 2003 Change No. 8
LAST NM 12/03**

Page 216—Paragraph 230, lines 6 to 11; read:

on San Carlos Island. In July 2002, the midchannel controlling depth was 2.5 feet to Light 9 with shoaling to 0.4 foot in the right outside quarter; thence 9.9 feet (10.4 feet at midchannel) to the State Route 865 fixed bridge, thence 6.6 feet (8.2 feet at midchannel) to the basin with 6.6 to 8.0 feet in the basin with lesser depths along the edges. Local knowledge is advised.

(CL 1830/02; BPs 179008-13) 14/03

Page 238—Paragraph 223, line 3 to Paragraph 224; read:

supplies, water, ice, pumpout, and hull, engine, and electronic repairs are available.

A boatyard about 0.4 mile S of the bridge has gasoline, diesel fuel, water, ice, pumpout, dry covered storage, and hull, engine and electronic repairs are available.

(CL 2212/02) 14/03

Page 248—Paragraph 22, lines 4 to 6; read:

town. In September 2002, the controlling depths were 5.0 feet (7.1 feet at midchannel) to the turning basin, thence 7.2 feet in the turning basin, thence 5.2 feet (8.8 feet at midchannel) to the head of ...

(CL 10/03; BPs 178911-21) 14/03

Page 248—Paragraph 35, lines 3 to 4; read:

Bay to the public wharf at the town of Panacea. In September 2002, the controlling depth was 3.8 feet (4.7 feet at midchannel) to the ...

(CL 9/03; BPs 178875-77) 14/03

Page 262—Paragraph 287, lines 10 to 11; read:

Escambia River. In November 2001-October 2002, the controlling depth was 7.4 feet (10 feet at midchannel) to the mouth of ...

(CL 7/03) 14/03

Page 268—Paragraph 62, lines 4 to 7; read:

repairs can be made. A 15-ton mobile hoist at a marina in a dredged basin on the N side of the river just above the highway bridge can handle craft up to 42 feet.

(CL 1872/02) 14/03

Page 286—Paragraph 377, line 6; read:

feet through Bayou Dupre to the head of the canal at Violet. In November 2002, unmarked pile clusters were reported in the vicinity of Bayou Dupre Light 1. An ...

(46/02 CG8; LL/02) 14/03

Page 296—Paragraph 92, line 5; read:

sides of the entrance. In February 2003, the jetties were reported to be submerged during high tide and rough sea conditions; extreme caution is advised. Immediately outside the entrance, the ...

(07/03 CG8) 14/03

COAST PILOT 5 30 Ed 2003 Change No. 9

Page 296—Paragraph 100, line 4; read:

(29°09'06"N., 89°14'59"W.). From this point, measurement is ...

(06/03 CG8; LL/02) 14/03

Page 321—Paragraph 124, lines 4 to 7; read:

several lighted and unlighted buoys. In September 2002, the controlling depth through the pass was 10 feet.

(DDs 3400-01; NOS 11357) 14/03

Page 325—Paragraph 203, lines 2 to 3; read:

and become part of the Intracoastal Waterway. In December

COAST PILOT 5 (Continued)

2002, the controlling depth was 13 feet from the cutoff ...
(DDs 3681-83; 05/03 CG8) 14/03

Page 340—Paragraph 13, line 1; read:

Sabine Pass East Jetty Light (29°38'40"N., 93°49'22"W.), ...
(06/03 CG8; LL/02) 14/03

Page 355—Paragraph 280, lines 5 to 7; read:
miles. In January 2003, depths of 2 to 3 feet were reported to Daybeacon 15; thence in October 2001, the controlling depth was 7.0 feet for about 2.0 miles farther upstream.
(03/03 CG8) 14/03

Page 357—Paragraph 326; strike out.
(CL 274/03; 04/03 CG8; LL/02) 14/03

Page 378—Paragraph 249, lines 3 to 4; read:
Open and covered berths with electricity, gasoline, diesel fuel, water, ice, marine supplies, provisions, pumpout and launching ramps are available.
(CL 221/03) 14/03

Page 379—Paragraph 277, lines 4 to 6; read:
feet. Gasoline, diesel fuel, water, pumpout and launching ramps are available; a repair yard has a 15-ton mobile hoist and can handle boats up to 40 feet.
(CL 221/03) 14/03

COAST PILOT 9 20 Ed 2002 Change No. 14
LAST NM 10/03

Page 80—Paragraph 241 to Paragraph 242, line 1; read:
71°20'N., 156°55'W.

Offshore Vessel Traffic Management Recommendations.—The **United States Coast Guard Pacific Area** recommends that, where no other traffic management areas exist such as **Traffic Separation Schemes, Vessel Traffic Services, or recommended routes**, vessels 300 gross tons or larger transiting along the coast anywhere between Cook Inlet and San Diego should voluntarily stay a minimum distance of 25 nautical miles offshore. The USCG Pacific Area further recommends that tank ships laden with persistent petroleum products and transiting along the coast between Cook Inlet and San Diego should voluntarily stay a minimum distance of 50 nautical miles offshore. Vessels transiting short distances between adjacent ports should seek routing guidance as needed from the local Captain of the Port or VTS authority for that area.

Principal ports.—The principal deep-draft commercial ...
(CL 283/03) 14/03

Page 183—Paragraph 301; read:

A small boat harbor near the head of **St. Herman Bay**, known locally as Dog bay, is between **Uski Island** and **Near Island**. The harbor has two entrances. The S entrance is protected by two lighted breakwaters and the N entrance is protected by a single lighted breakwater and marked by a daybeacon. In June 2002, the controlling depths were 1.40 to

1.75 fathoms in both entrance channels and the basin.
(BPs 179749-52) 14/03

Page 251—Paragraph 156, line 7; read:
from a pole with a red and white diamond-shaped ...
(51/02 CG17) 14/03

Page 256—Paragraph 264, lines 2 to 3; read:
Iliuliuk Bay and Harbor. In July 2002, the midchannel controlling depth was 22 feet. **South Channel**, a passage marked by daybeacons, ...
(40/02 CG17; CL 1866/02; BP 179640; LL/02) 14/03

Page 257—Paragraph 275, line 2; read:
marked by **Arch Rock Light**, 12 feet high, adjacent to the point 0.8 mile ...
(CL 1866/02) 14/03

AMERICAN PRACTICAL NAVIGATOR
CORRECTIONS

PUB 9 Ed 2002 LAST NM 36/02

Page 238—Graphic; strike out.
Replace Figure 1525b with new graphic from back of this Subsection.
(NIMA) 14/03

Page 239—Lines 6 to 10/L; read:
as shown in Figure 1526.
(NIMA) 14/03

Page 243—Graphic; strike out.
Replace Figures 1528c and 1528d with graphics from back of this Subsection.
(NIMA) 14/03

Page 244—Graphic; strike out.
Replace Figures 1528e and 1528f with graphics from back of this Subsection.
(NIMA) 14/03

Page 274—Line 16/R; read:
amplitude angle is 10.4°S, so that the Sun's true bearing
(NIMA) 14/03

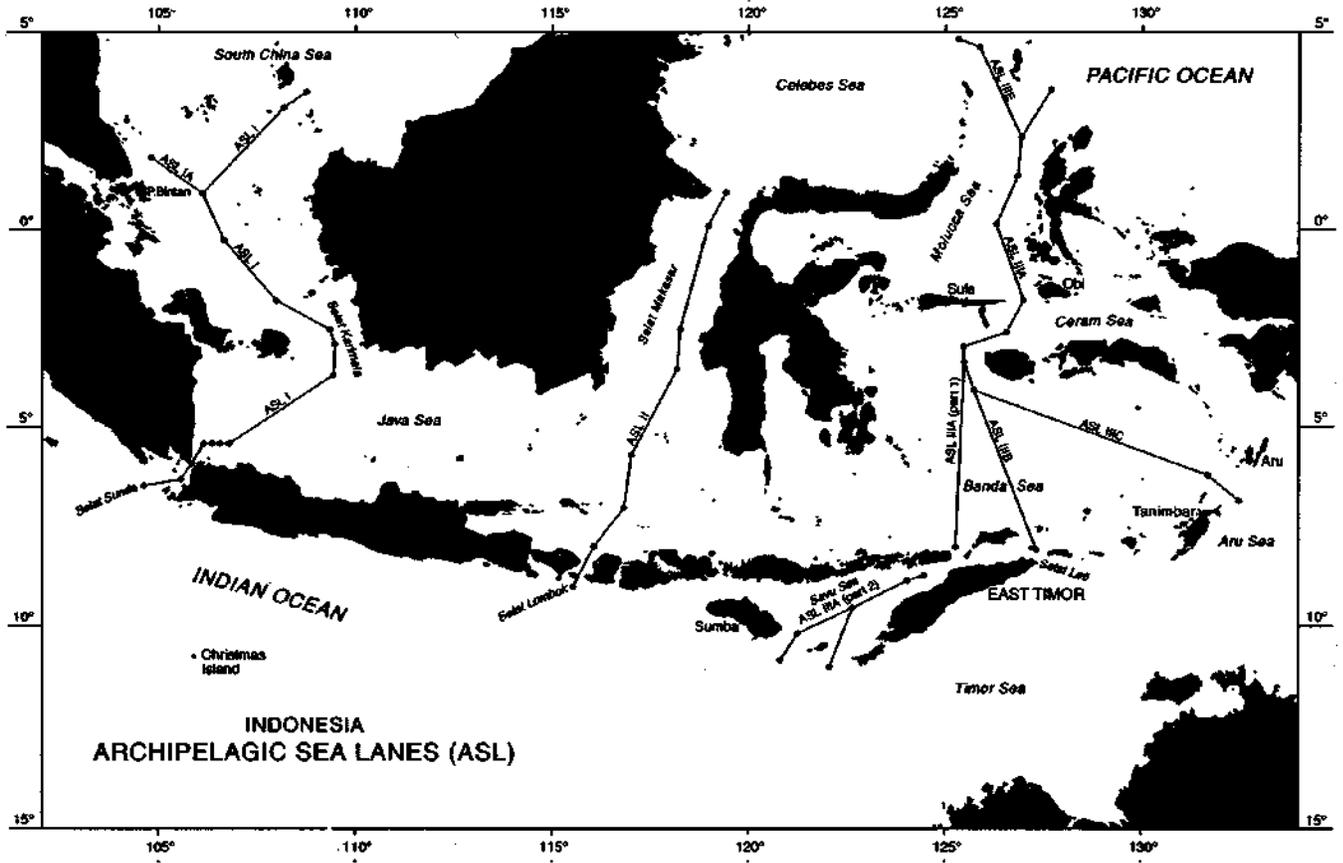
Page 287—Line 5/L; read:
Nautical Almanac Office, Rutherford Appleton Laboratory, Council for the Central Laboratory of the Research Councils.
(NIMA) 14/03

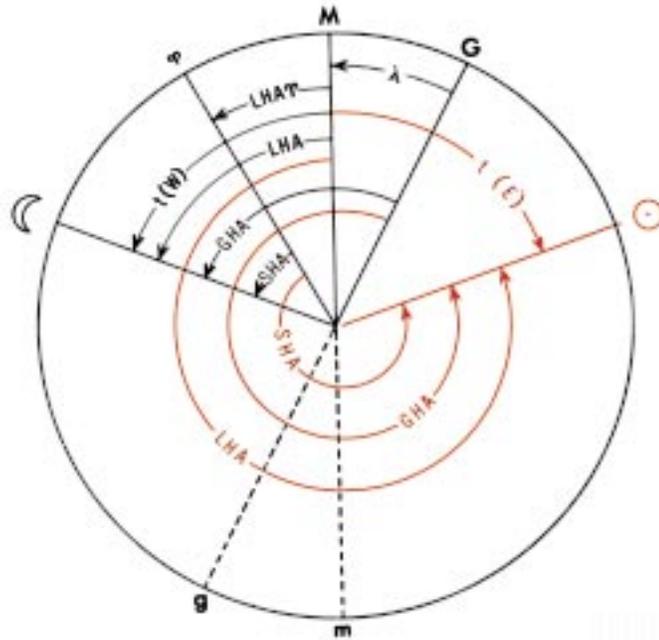
Page 291—Line 18/R; read:
almanac page xxxii to interpolate for latitude, determining
(NIMA) 14/03

PUB 9 (Continued)

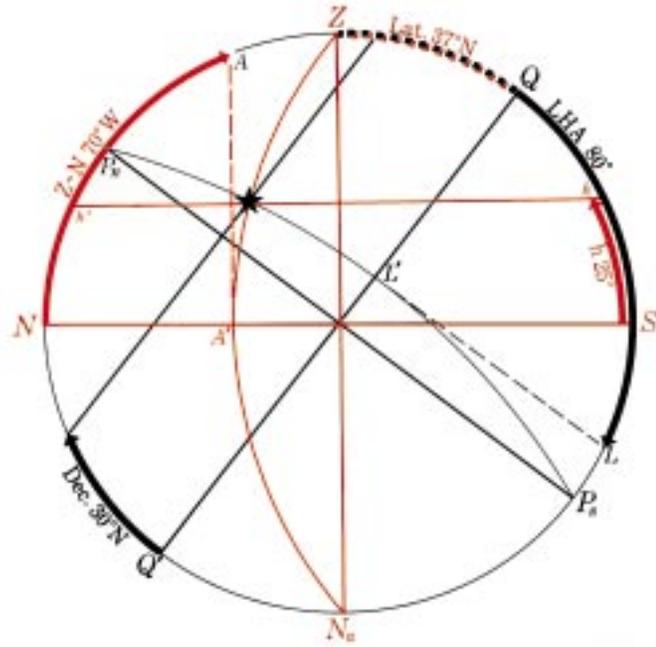
Page 525—Line 21/L; read:
estimate wind speed. With the exception of Force 12,
contributed by John Thomson of Ponteland,
Northumberland, England, these pictures (courtesy of the
(NIMA) 14/03

Page 560—Line 4/R; read:
observer in feet; the distance in yards is taken di-
(NIMA) 14/03

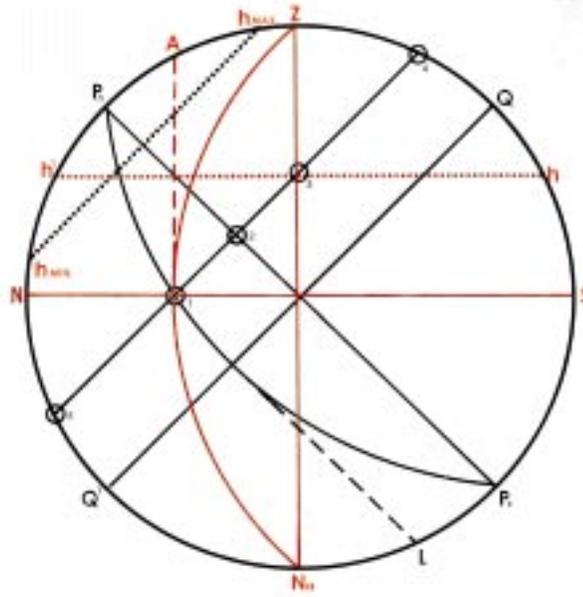




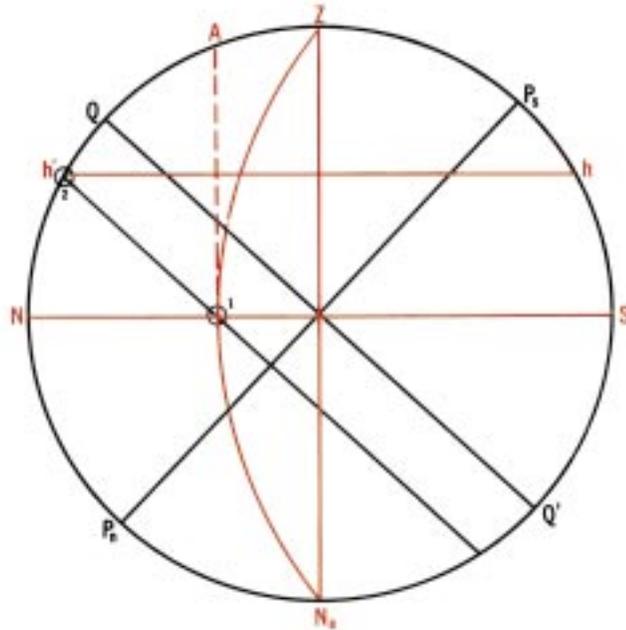
PUB 9



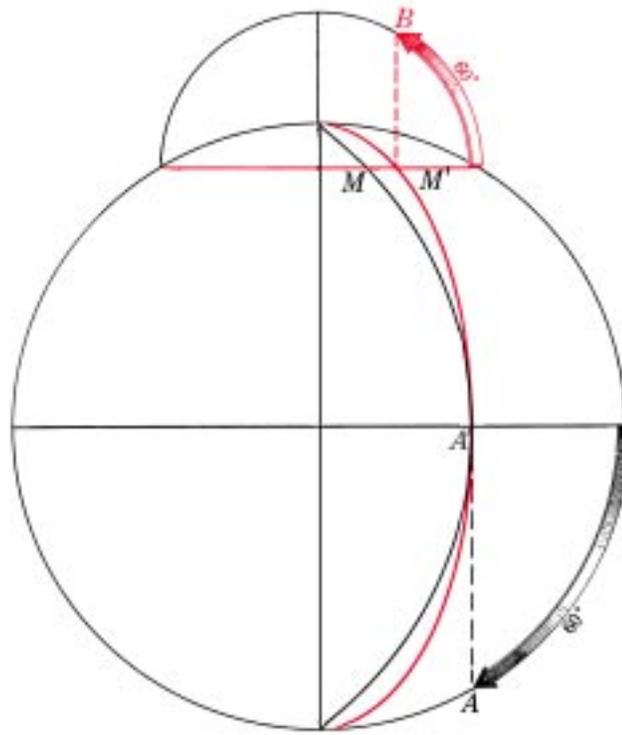
PUB 9



PUB 9



PUB 9



PUB 9

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3235	- REAR LIGHT 548 yards, 051.2° from front light.		F G	110		On skeleton tower.	Visible on range line only. Lighted throughout 24 hours.
	*						14/03
3535	HORSESHOE RANGE REAR LIGHT 616 yards, 206.2° from front light.		Oc R 4s	25		KRW on skeleton tower.	Higher intensity on rangeline.
	*						14/03
8975	TURKEY POINT LIGHT						<i>Remove from list.</i>
							* 14/03
11410	- CHANNEL LIGHT 12		FIR 2.5s	15	3	TR on pile.	
				*			14/03
11415	- CHANNEL LIGHT 13		FIG 4s	15	4	SG on multi-pile structure.	
						*	14/03
11455	- CHANNEL LIGHT 19		FIG 2.5s	15	3	SG on multi-pile structure.	
				*			14/03
11490	- LIGHT 7		FIG 4s	15	4	SG on multi-pile structure.	
				*			14/03
Hunting Creek							
22260	- LIGHT 2 On edge of shoal.	37 49 28 N 75 43 54 W	FIR 4s	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*					14/03
22570	- CHANNEL LIGHT 15	37 58 03 N 75 40 41 W	FIG 2.5s	15	3	SG on multi-pile structure.	
		*					* 14/03
22615	Shad Landing Park Junction Daybeacon SL	38 08 34 N 75 26 29 W				JR on multi-pile structure.	
						*	14/03
POCOMOKE AND TANGIER SOUNDS (Chart 12228)							
Tangier Sound							
22705	- Buoy A	37 44 25 N 76 02 41 W				Yellow nun.	
		*					14/03
22730	- LIGHT 3	37 49 58 N 75 59 54 W	FIG 4s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*					14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22825	- LIGHT 2	37 55 57 N 75 54 05 W	Q R	19	4	TR on multi-pile structure.	Higher intensity beam down channel.
		*					14/03
22905	CRISFIELD HARBOR JUNCTION LIGHT CH	37 59 01 N 75 51 48 W	FI (2+1) R 6s	15	4	JR on pile.	
		*					14/03
22940	- CHANNEL LIGHT 18		FI R 6s	15	4	TR on pile.	
				*			14/03
27360	- LIGHT		FI W 4s	15	6	NB on multi-pile structure.	Higher intensity beam downstream.
					*		14/03
28220	- LIGHT 6		FI R 2.5s	15	3	TR on pile.	Light equipment removed when endangered by ice.
				*	*		14/03
28230	- LIGHT 8		Q R	15	3	TR on pile.	Light equipment removed from endangered by ice.
				*			14/03
28295	- LIGHT 21		FI G 2.5s	15	3	SG on pile.	
				*			14/03
28605	- LIGHT 39		FI G 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
					*		14/03
28610	- LIGHT 40		FI R 4s	15	3	TR on pile.	
				*			14/03
*28732	- Buoy 12					Red nun.	
							14/03
28755	- Daybeacon 17	35 12 14 N 75 43 28 W				SG on pile.	
		*					14/03
Silver Lake							
28985	- JUNCTION LIGHT	35 06 38 N 75 59 31 W	FI (2+1) R 6s	15	4	JR on multi-pile structure.	Ra ref.
				*			14/03
29020	- LIGHT 9		FI G 4s	15	4	SG on pile.	
				*			14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Biscayne Bay							
10780	Miami River Channel Daybeacon 1	25 46 16 N 80 11 04 W				SG on pile.	
		*					14/03
10800	- LIGHT 4	25 41 07 N 80 11 01 W	F I R 2.5s	16	4	TR on pile.	
		*					14/03
Wilderness Waterway Coot Bay							
15725	- Buoy 1	25 11 03 N 80 54 45 W				Green can.	
		*					14/03
Cormorant Pass							
15850	- Daybeacon 42	25 19 21 N 81 02 14 W				TR on pile.	
		*					14/03
25585	- LIGHT 2	27 46 32 N 82 47 35 W	F I R 2.5s	16	3	TR on pile.	
		*					14/03
47370	- Daybeacon 19	26 06 39 N 80 07 06 W				SG-SY on pile.	
		*					14/03
47825	- Shoal Daybeacon	25 54 08 N 80 07 51 W				NW on pile worded DANGER SHOAL.	
		*					14/03
48910	BISCAYNE BAY DANGER SHOAL LIGHT	25 42 35 N 80 11 59 W	F I W 4s	16	4	NW on pile worded DANGER SHOAL.	
	*	*					14/03
Key Biscayne Yacht Club							
49075	- CHANNEL LIGHT 1	25 42 05 N 80 11 00 W	F I G 2.5s	16	3	SG on dolphin.	
		*					14/03
49275	HURRICANE HARBOR LIGHT 2	25 41 20 N 80 10 37 W	F I R 4s	16	4	TR on pile.	
		*					14/03
49530	SAFETY VALVE BANK LIGHT 1A	25 37 01 N 80 11 32 W	F I G 6s	16	4	SG-SY on pile.	
		*					14/03
57090	- LIGHT 33		F I G 4s	16	4	SG-SY on pile.	
				*			14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*414	<i>Ocean Energy Lighted Mooring Buoy A</i>	29 07 02 N 88 51 30 W	Q W			White with blue Bands.	Private aid. 14/03
415	<i>Shell Lighted Mooring Buoy A</i>						<i>Remove from list.</i> * 14/03
715	<i>Murphy-SS-119-22 Lighted Buoy</i>						<i>Remove from list.</i> * 14/03 14/03
1065 21310	<i>Sabine Bank Channel Lighted Whistle Buoy SB</i>	29 25 00 N 93 40 00 W	Mo (A) W FI W 2.5s		6 6	Red and white stripes with red spherical topmark.	RACON: K (- • -). High intensity flash tube: FI W 2.5s. * 14/03
1075	OLD SABINE BANK LIGHT *	29 28 18 N 93 43 24 W	Q W	30	5	Red conical tower on cylindrical caisson.	Shows 2 quick flashing obstruction lights. 14/03
1080 21450	Sabine Pass East Jetty Light	29 38 41 N 93 49 22 W	FI W 5s	42	11	Cylindrical tower on piles.	HORN: Horn:2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Continuously from Nov. 1 to Apr. 30. * * * 14/03
*1200	<i>Texas Artificial Fishing Reef Lighted Buoy</i>	28 53 32 N 94 41 45 W	FI Y 6s			Yellow.	SIGN: FR-TX-41 Private aid. 14/03
*1203	<i>Texas Artificial Fishing Reef Lighted Buoy</i>	28 52 05 N 94 41 55 W	FI Y 6s			Yellow.	SIGN: FR-TX-42 Private aid. 14/03
2140	- LIGHT 23		FI G 2.5s	17	3	SG on dolphin.	 * 14/03
2360	- North Spoil Daybeacon	29 49 32 N 84 39 07 W				NG on pile.	 * 14/03
2365	- Middle Spoil Daybeacon					NR on pile.	 * 14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PENSACOLA BAY (Chart 11383)							
Pensacola Bay							
4175	- RANGE FRONT LIGHT	30 24 26 N 87 11 36 W	FI W 2.5s (Day) FI G 2.5s (Night) FI G 2.5s	15 18 21	4	On skeleton tower on piles.	DAY: Visible 2° each side of range line. NIGHT: Visible all around, higher intensity 2° each side of range line.
			*	*	*		14/03
4390	- Buoy 11	30 24 12 N 87 15 04 W				Green can.	
		*					14/03
Mobile Bay							
4945 255	Mobile Entrance Lighted Horn Buoy M	30 07 30 N 88 04 06 W	Mo (A) W FI W 2.5s		6	Red and white stripes with red spherical topmark.	Higher intensity flash tube: FI W 2.5s. RACON: M (- -). HORN: 1 blast ev 10s (1s bl). (1s bl).
							* 14/03
5345	- LIGHT 63 200 feet outside channel limit.		FI G 4s	17	5	SG on pile.	Ra ref.
						*	14/03
6500	- LIGHT	30 34 00 N 88 04 24 W	Q W	30	5	NG on platform.	Ra ref.
						*	14/03
6610	- RANGE FRONT LIGHT	30 39 00 N 88 03 30 W	Q R	33		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
				*			14/03
6615	- RANGE REAR LIGHT 255 yards, 289.3° from front light.		Oc R 4s	55		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
				*		*	14/03
6648	GRAND BATTURE LIGHT	30 15 34 N 88 25 40 W	FI W 4s	17	5	NB on pile.	Ra ref.
						*	14/03
7065	- RANGE B FRONT LIGHT	30 16 57 N 88 30 33 W	Q W	25 27	5	KRW on skeleton tower on piles.	Visible all around; higher intensity on range line.
				*	*		14/03
7075	- RANGE C FRONT LIGHT	30 20 42 N 88 34 18 W	FI W 2.5s(Day) FI R 2.5s(Night)	65 63		On skeleton tower on piles.	Lighted throughout 24 hours. Visible 2° each side of rangeline.
			*	*			14/03
7442	- TURN BASIN LIGHT A	30 21 09 N 88 30 25 W	Q W	17	5	KRW on pile.	
		*				*	14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MISSISSIPPI SOUND AND APPROACHES (Chart 11373)							
Gulfport Ship Channel							
8385 340	- Lighted Whistle Buoy GP	30 07 12 N 88 52 42 W	Mo (A) W		6	Red and white stripes with red spherical topmark.	RACON: C (- • - •). * 14/03
8392 337	Ship Island Lighthouse *		FI W 10s	76		Tapered white square with black cupola.	Private aid. 14/03
8595 32755	- LIGHT 41		FI G 2.5s	17	3	SG-SY on dolphin.	Ra ref. * 14/03
LAKE BORGNE AND APPROACHES (Chart 11371)							
Lake Borgne							
9470	BAYOU BILOXI ENTRANCE LIGHT 1 1,000 yards, 341° from entrance.	30 00 24 N 89 33 36 W	FI G 4s	17	4	SG on dolphin.	Higher intensity beam toward Rigolets. * 14/03
Chef Menteur Pass							
9535	- LIGHT 2	30 02 13 N 89 45 49 W	FI R 4s	28	5	TR on skeleton tower.	* 14/03
9555 33105	- LIGHT 5	30 03 34 N 89 47 44 W *	FI G 2.5s	25	4	SG-SY on pile.	* 14/03
Bayou Bonfouca Channel							
9740	- LEADING LIGHT	30 14 59 N 89 51 58 W	Iso W 6s	17	6	NB on dolphin.	Visible all around; higher intensity down channel. * 14/03
9745	- LIGHT 2	30 13 06 N 89 51 58 W	FI R 4s	17	4	TR on dolphin.	* 14/03
10440	- LIGHT 6	30 17 42 N 90 26 01 W *	FI R 4s	17	4	TR on dolphin.	* 14/03
10445	TICKFAW RIVER LIGHT 1	30 20 30 N 90 28 30 W	FI G 4s	25	4	SG on dolphin.	* 14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
CHANDELEUR AND BRETON SOUNDS (Chart 11363)							
Chandeleur Sound							
10490 350	Chandeleur Light	30 02 48 N 88 52 42 W	FI W 6s	65	9	NB on a skeleton tower.	
	*						14/03
CHANDELEUR AND BRETON SOUNDS (Chart 11363)							
Mississippi River - Gulf Outlet							
10560 390	- Approach Lighted Horn Buoy NO	29 26 24 N 88 56 48 W	FI W 2.5s		6 9	Red and white stripes with red spherical topmark.	Mo (A) W RACON: N (- ·). High intensity flash tube: FI W 2.5s. HORN: 1 blast ev 10s (1s bl).
			*				* 14/03
10765	- LIGHT 45	29 36 19 N 89 17 12 W	FI G 2.5s	17	4	SG on pile.	
		*		*			14/03
10805	- LIGHT 55	29 38 36 N 89 20 24 W	FI G 6s	20	4	SG on pile.	
				*			14/03
12375	- LIGHT 5 50 feet outside channel limit.		FI G 4s	17	4	SG on pile.	Ra ref.
					*		14/03
12560 440	-West Jetty Range Front Light	28 59 24 N 89 08 24 W	F G	40		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline. HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s sj). Continuously from Nov. 1 to Apr. 30.
	*						* 14/03
12625	- LIGHT 15	29 08 28 N 89 15 00 W	Iso G 6s	30	4	SG on skeleton tower on piles.	Visible from 180° to 360°.
		*			*		14/03
12775	- LIGHT 16		Iso R 6s	40	5	TR on skeleton tower on piles.	
				*			14/03
12780	- LIGHT 17		FI G 2.5s	40	5	SG on skeleton tower on piles.	
				*			14/03
12835	- LIGHT 22 200 feet outside channel limit.		Q R	40	5	TR on skeleton tower on piles.	
				*			14/03
12860	- LIGHT 26		Iso R 6s	45	4	TR on skeleton tower.	
					*	*	14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12995	SPENCES LIGHT 6A LDB mile 5.5.		FI R 6s	25	4	TR on skeleton tower.	Higher intensity beam up and down river.
				*			14/03
13050	ST. ANNE LIGHT 18 LDB mile 18.0.		FI R 4s	30	6	TR on skeleton tower on piles.	
				*			14/03
13065	FORT JACKSON LIGHT 19 RDB mile 19.2.		Iso G 6s		7	SG on skeleton tower on piles.	
					*		14/03
13075	HARVEY LIGHT 20A LDB mile 20.5.		FI R 4s		6	TR on skeleton tower on piles.	
					*		14/03
13085	BAYOU GRAND LIARD LIGHT 21A RDB mile 21.9		FI G 2.5s		6	SG on skeleton tower on piles.	Higher intensity beam up and down river.
					*		14/03
13140	POINT PLEASANT LOWER LIGHT 30 LDB mile 30.4.		Iso R 6s		5	TR on skeleton tower on piles.	Higher intensity beam up and down river.
					*		14/03
13175	HARRIS BAYOU LIGHT 34 LDB mile 34.3.		Iso R 6s		6	TR on skeleton tower on piles.	
					*		14/03
13225	SOCOLA LIGHT 45 RDB mile 44.8.		Iso G 6s		7	SG on skeleton tower on piles.	
					*		14/03
Inner Harbor Navigation Canal							
13605 33170	- LIGHT 1		FI G 2.5s	30	5	SG-TY on skeleton tower.	
					*		14/03
13713	SIX MILE POINT LIGHT 102 LDB Mile 101.4.		Q R	25	3	TR on tower.	
				*	*		14/03
14095	OLEANDER LIGHT 138 LDB mile 137.0.		Q R		5	TR on skeleton tower on piles.	
					*		14/03
14445	WADE HAMPTON LIGHT 173 RDB mile 172.0.	30 07 44 N 90 56 31 W	Iso G 6s	17	4	SG on skeleton tower.	
					*		14/03

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MISSISSIPPI RIVER DELTA (Chart 11361)							
Tiger Pass							
14935	- LIGHT 1 75 feet outside channel limit.		FI G 4s	15	4	SG on pile.	
				*	*		14/03
16520	- RANGE FRONT LIGHT	29 05 57 N 90 13 23 W	Q G	18		KRW on platform.	
				*			14/03
16699	- Junction Lighted Buoy TB		FI (2+1) R 6s		4	Red and green bands.	
			*				14/03
TIMBALIER AND TERREBONNE BAYS (Chart 11357)							
Lake Pelto							
17350	CALIFORNIA CANAL ENTRANCE LIGHT C	29 03 39 N 90 42 18 W	FI W 6s	17	4	NG on piles.	Ra ref.
				*			14/03
17705 760	OYSTER BAYOU LIGHT	29 12 54 N 91 07 43 W	FI W 6s	30	6	NB on skeleton tower on piles.	Ra ref.
							14/03
18030 810	Point Au Fer Reef Light	29 22 18 N 91 23 06 W	FI W 5s	44	13	SG on skeleton tower on platform. Collocated with Atchafalaya Channel Light 33.	HORN: 1 blast ev 10s (1s bl). Operates continuously from Nov. 1 to Apr. 30.
						*	14/03
Vermilion Bay							
Vermilion Bay Cutoff Channel							
<i>Lights and daybeacons 50 feet outside channel limits.</i>							
19520	- JUNCTION LIGHT A	29 37 08 N 92 00 14 W	FI (2+1) R 6s	17	4	JR on pile.	Ra ref.
		*			*		14/03
19575	- LIGHT 18		FI R 2.5s	17	3	TR on pile.	Ra ref.
					*		14/03
Vermilion Bay Channel							
19595	- LIGHT 1	29 38 00 N 91 59 06 W	FI G 2.5s	17	4	SG on pile.	Ra ref.
					*		14/03
19825	- LIGHT 4		FI R 4s	17	4	TR on skeleton tower on piles.	
				*	*		14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20050	- EAST JETTY LIGHT 6	29 43 18 N 93 00 30 W	FI R 2.5s	21	3	TR on pile.	
				*			14/03
20090	- RANGE REAR LIGHT 450 yards, 000.7° from front light.		Iso R 6s	37		On skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
20224	MERMENTAU WRECK LIGHT WR1	29 58 27 N 92 48 06 W	Q G	17	2	SG on pile.	
		*					14/03
20900 33760	- LIGHT 92	30 05 22 N 93 19 25 W	FI R 2.5s	17	4	TR-SY on pile.	
		*					14/03
20925 33755	- RANGE REAR LIGHT 229 yards, 225.3° from front light.		Iso W 6s	40		KRW-1 on skeleton tower.	Visible all around.
				*		*	14/03
CALCASIEU PASS TO SABINE PASS (Chart 11341)							
Sabine Bank Channel							
21310 1065	- Lighted Whistle Buoy SB	29 25 00 N 93 40 00 W	Mo (A) W FI W 2.5s		6 6	Red and white stripes with red spherical topmark.	RACON: K (- · -). High intensity flash tube: FI W 2.5s.
			*				* 14/03
Sabine Pass							
21450 1080	- East Jetty Light	29 38 41 N 93 49 22 W	FI W 5s	42	13	Cylindrical tower on piles.	HORN: 2 blasts ev 20s (2s bl-2s si-2s bl-14s si). Continuously from Nov. 1 to Apr. 30.
		*				*	* 14/03
21590	- LIGHT 37	29 44 00 N 93 52 22 W	Q G	17	4	SG on pile.	
					*		14/03
21785	- LIGHT 43		FI G 2.5s	17	6	SG on pile.	
					*		14/03
21790	- LIGHT 45	29 46 48 N 93 56 42 W	Q G	30	4	SG on skeleton tower on piles. Same structure as Port Arthur Canal Range F Front Light.	
				*			14/03
21875 34040	- LIGHT 52A	29 51 36 N 93 56 12 W	FI R 2.5s	17	4	TR-SY on pile.	Ra ref.
					*		14/03

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CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21920 34000	- RANGE K REAR LIGHT 535 yards, 200° from front light.		Iso W 6s	45		KRW on skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
21965 33960	- LIGHT 66		FIR 2.5s	17	4	TR-SY on pile.	
					*		14/03
22050 33870	- RANGE O FRONT LIGHT	29 59 31 N 93 47 02 W	QR	22		KRW on skeleton tower.	For eastbound traffic. Visible 2° each side of rangeline.
		*		*		*	14/03
22090 33835	- LIGHT 8		FIR 2.5s	17	4	TR-SY on skeleton tower on piles.	
				*			14/03
Sabine River							
22155 33785	- LIGHT 20		FIR 2.5s	17	4	TR-SY on pile.	
				*			14/03
22445	- LIGHT 40		FIR 4s	17	4	TR on pile.	
					*		14/03
22450	- LIGHT 42		QR	35	4	TR on pile.	
				*			14/03
22795 34405	- LIGHT 3	29 19 47 N 94 46 29 W	FIG 2.5s	17	4	SG-SY on dolphin.	Ra ref.
		*		*			14/03
23210	- LIGHT 76		QR	17	4	TR on pile.	Ra ref.
				*			14/03
23335	- LIGHT 86 150 feet outside channel limit.		FIR 6s	17	4	TR on dolphin.	Ra ref.
							14/03
*Delete Heading: *Atkinson Island Cut							
23337	- Buoy 1						Remove from list.
							*
							14/03
23337.2	- Buoy 2						Remove from list.
							*
							14/03
23337.4	- Buoy 3						Remove from list.
							*
							14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23337.6	- Buoy 4						<i>Remove from list.</i> * 14/03
23337.8	- Buoy 5						<i>Remove from list.</i> * 14/03
23338	- Buoy 7						<i>Remove from list.</i> * 14/03
23338.2	- Buoy 9						<i>Remove from list.</i> * 14/03
23338.4	- Buoy 10						<i>Remove from list.</i> * 14/03
23338.6	- Buoy 11						<i>Remove from list.</i> * 14/03
23338.8	- Buoy 12						<i>Remove from list.</i> * 14/03
23339	- Buoy 13						<i>Remove from list.</i> * 14/03
23360	MORGANS POINT APPROACH INNER RANGE REAR LIGHT 265 yards, 341.2° from front light.		Iso G 6s	65		KRW on skeleton tower.	Visible 2° each side of rangeline. * * 14/03
23375	- LIGHT 91	29 40 58 N 94 58 59 W	FI G 2.5s	17	3	SG on dolphin.	Ra ref. * 14/03
23385	BARBOURS CUT CROSSING RANGE REAR LIGHT 223 yards, 146.8° from front light.		Iso R 6s	50		KRW on skeleton tower.	Visible 2° each side of rangeline. * * 14/03
*23987	- LIGHT 105 100 yards outside the channel limit.	29 42 30 N 95 01 17 W	FI G 4s	17	4	SG on pile.	RA ref. 14/03
24095	- Buoy 112						<i>Remove from list.</i> * 14/03
*24096	- LIGHT 112 95 yards outside the channel limit.	29 43 48 N 95 01 37 W	FI R 4s	17	4	TR on pile.	Ra ref. 14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
24252	UPPER CROSSOVER OUTBOUND RANGE FRONT PASSING LIGHT		FI W 4s	15	5	On same structure as Upper Crossover Outbound Front Light.	
		*					14/03
25645 35430	- LIGHT 12	28 56 40 N 95 18 22 W	Q R	17	4	TR-SY on pile.	Ra ref.
		*		*	*		14/03
Lavaca Bay							
26730	LAVACA PIPELINE LIGHT A-8	28 33 21 N 96 29 27 W	Q R	10		On pile.	Private aid.
		*					14/03
31575 4080	- NAVY RANGE REAR LIGHT 300 feet, 273.5° from front light.		Iso G 6s	58		On skeleton tower on piles.	Visible 2° each side of rangeline.
						*	14/03
32755 8595	GULFPORT SHIP CHANNEL LIGHT 41		FI G 2.5s	17	3	SG-SY on dolphin.	Ra ref.
					*		14/03
33105 9555	CHEF MENTEUR PASS LIGHT 5	30 03 34 N 89 47 44 W	FI G 2.5s	25	4	SG-SY on pile.	
		*		*			14/03
33170 13605	INNER HARBOR NAVIGATION CANAL LIGHT 1		FI G 2.5s	30	5	SG-TY on skeleton tower.	
					*		14/03
33602	Wax Outlet West Approach Daybeacon W	29 38 58 N 91 23 57 W				NG on pile worded WARNING EXTREME CURRENT.	Ra ref.
		*					14/03
33755 20925	DEVILS ELBOW RANGE REAR LIGHT 229 yards, 225.3° from front light.		Iso W 6s	40		KRW-I on skeleton tower.	Visible all around.
				*		*	14/03
33760 20900	CALCASIEU CHANNEL LIGHT 92	30 05 22 N 93 19 25 W	FI R 2.5s	17	4	TR-SY on pile.	
		*					14/03
33785 22155	- LIGHT 20		FI R 2.5s	17	4	TR-SY on pile.	
				*			14/03
33835 22090	- LIGHT 8		FI R 2.5s	17	4	TR-SY on skeleton tower on piles.	
				*			14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Sabine - Neches Canal							
33870 22050	- RANGE O FRONT LIGHT	29 59 31 N 93 47 02 W	Q R	22		KRW-I on skeleton tower.	For eastbound traffic. Visible 2° each side of rangeline.
		*		*		*	14/03
33960 21965	- LIGHT 66		FI R 2.5s	17	4	TR-SY on pile.	
					*		14/03
34000 21920	- RANGE K REAR LIGHT 535 yards, 200° from front light.		Iso W 6s	45		KRW on skeleton tower.	Visible 2° each side of rangeline.
				*		*	14/03
34040 21875	- LIGHT 52A	29 51 36 N 93 56 12 W	FI R 2.5s	17	4	TR-SY on pile.	Ra ref.
					*		14/03
34263	- LIGHT 19A	29 22 10 N 94 47 07 W	FI G 4s	17	4	SG-SY on pile.	Ra ref.
		*			*		14/03
34295	- LIGHT 9 50 feet outside channel limit.		FI G 4s	17	4	SG-SY on pile.	
					*		14/03
34405 22795	- LIGHT 3	29 19 47 N 94 46 29 W	FI G 2.5s	17	4	SG-SY on dolphin.	Ra ref.
		*		*			14/03
Galveston - Freeport							
35430 25645	FREEPORT ENTRANCE LIGHT 12	28 56 40 N 95 18 22 W	Q R	17	4	TR-SY on pile.	Ra ref.
		*		*	*		14/03
CLEAR LAKES TO ESPIRITU SANTO BAY (Chart 11319)							
Freeport - Port O Connor							
Matagorda Bay							
35465	- LIGHT 2	28 36 33 N 96 10 10 W	Q R	17	5	TR-TY on pile.	Ra ref.
		*			*		14/03
35587	PALACIOS WRECK LIGHT	28 33 51 N 96 13 23 W	FI W 2.5s	17	5	NW on pile.	
		*			*		14/03
35655	- Leading Light J	28 31 38 N 96 13 39 W	FI W 2.5s	30	6	NB-I on skeleton tower on piles.	For eastbound traffic. Visible all around; higher intensity on bearing 055°.
		*			*		14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
35800	- LIGHT 38	28 38 58 N 96 15 06 W	F I R 6s	17	4	TR on pile.	Ra ref.
		*					14/03
CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9020	NORTH BEND RANGE FRONT LIGHT	43 25 23 N 124 12 56 W	Q G	16		KRB on pile structure.	Visible all around; higher intensity on rangeline.
		*					14/03
9490	- LIGHT 8	44 00 30 N 124 07 51 W	F I R 4s	16	2	TR on pile.	
					*		14/03
9600	- Entrance Lighted Gong Buoy 3	44 36 27 N 124 05 27 W	F I G 4s		5	Green.	Maintained from May 1 to Oct. 1.
					*		14/03
9635	SOUTHBEACH MARINA LIGHT 2	44 37 26 N 124 03 15 W	F I R 4s	14	3	TR on pile.	
		*			*		14/03
9660	BOAT BASIN WEST LIGHT	44 37 48 N 124 03 04 W	F I Y 4s	15	5	NY on pile.	
		*			*		14/03
9675	- LIGHT 14	44 36 54 N 124 01 17 W	F I R 4s	15	2	TR on pile.	
					*		14/03
9710	- LIGHT 25	44 35 00 N 124 00 44 W	F I G 4s	15	4	SG on concrete platform.	
		*			*		14/03
9740	- LIGHT 32	44 34 17 N 123 58 01 W	F I R 4s	15	3	TR on dolphin.	
		*			*		14/03
9905	- Entrance Lighted Bell Buoy 1	46 13 24 N 124 11 00 W	F I G 4s		5	Green.	
					*		14/03
9960	Peacock Spit Lighted Bell Buoy 11	46 15 42 N 124 02 19 W	F I G 2.5s		4	Green.	
		*			*		14/03
9970	Clatsop Spit Lighted Whistle Buoy 14	46 14 56 N 124 00 41 W	Q R		4	Red.	
					*		14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9980	- Channel Lighted Bell Buoy 20	46 14 12 N 123 59 33 W	FI R 2.5s		4	Red.	
					*		14/03
9995	- LIGHT	46 13 32 N 123 57 18 W	FI W 4s	23	6	NB on pile structure.	
		*			*		14/03
10005	FORT STEVENS WHARF LIGHT 26	46 12 27 N 123 57 05 W	Oc R 4s	35	7	TR on multi-pile.	
		*			*		14/03
Tansy Point							
10025	- RANGE FRONT LIGHT	46 11 20 N 123 55 10 W	Q R	22		KRB on pile structure.	Visible all around; higher intensity on rangeline.
		*					14/03
10095	- LIGHT 36	46 11 33 N 123 50 44 W	Q R	30	5	TR on pier.	
					*		14/03
PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)							
Miller Sands							
10205	- Channel Lighted Buoy 2 75 yards outside channel limit.	46 14 59 N 123 40 50 W	FI R 2.5s		4	Red.	
					*		14/03
10325	- Channel Lighted Buoy 28	46 16 14 N 123 29 57 W	Q R		4	Red.	
					*		14/03
10345	- Channel Lighted Buoy 32	46 15 59 N 123 28 01 W	Q R		4	Red.	
		*			*		14/03
10370	Multnomah Slough Lighted Buoy 36	46 14 45 N 123 26 21 W	FI R 2.5s		4	Red.	
		*			*		14/03
10375	Steamboat Slough Lighted Buoy 37	46 14 40 N 123 25 54 W	FI G 4s		5	Green.	
					*		14/03
10420	- LIGHT 47	46 10 55 N 123 25 33 W	Q G	15	5	SG on skeleton tower.	
		*			*		14/03
10425	- LIGHT 49	46 10 33 N 123 25 11 W	FI G 4s	17	4	SG on dolphin.	
		*			*		14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10525	- Channel Lighted Buoy 68	46 08 39 N 123 17 24 W	FIR 2.5s		5	Red.	
					*		14/03
13740	- LIGHT 10	46 37 22 N 117 51 00 W	FIR 6s	27	4	TR on skeleton tower.	
		*					14/03
13745	- LIGHT 11	46 37 42 N 117 51 03 W	FIG 4s	8	4	SG on platform.	
		*			*		14/03
13765	- LIGHT 15	46 39 00 N 117 46 20 W	FIG 4s	16	4	SG on dolphin.	
		*			*		14/03
13785	- LIGHT 19	46 42 02 N 117 42 44 W	FIG 2.5s	14	4	SG on dolphin.	
		*		*			14/03
13795	- LIGHT 21	46 42 17 N 117 40 22 W	FIG 4s	14	4	SG on platform.	
		*			*		14/03
13805	- LIGHT 23	46 42 11 N 117 39 18 W	FIG 6s	15	4	SG on platform.	
		*			*		14/03
13815	- LIGHT 25	46 40 48 N 117 37 26 W	FIG 4s	20	4	SG on pile.	
		*			*		14/03
13825	- LIGHT 27	46 40 32 N 117 35 31 W	FIG 6s	20	4	SG on skeleton tower.	
		*			*		14/03
13835	- LIGHT 29	46 40 50 N 117 32 18 W	FIG 4s	21	4	SG on pile.	
		*			*		14/03
13840	- LIGHT 30	46 40 33 N 117 31 28 W	FIR 2.5s	18	3	TR on caisson.	
		*					14/03
13950	- LIGHT 6	46 37 08 N 117 23 21 W	FIR 6s	45	4	TR on platform.	
		*			*		14/03
13955	- LIGHT 8	46 36 04 N 117 21 41 W	FIR 4s	43	3	TR on platform.	
		*					14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13975	- LIGHT 14	46 30 10 N 117 14 06 W	F I R 6s	10	4	TR on skeleton tower.	
						*	14/03
13995	- LIGHT 17	46 27 02 N 117 12 22 W	F I G 4s	13	4	SG on platform.	
						*	14/03
14015	- LIGHT 20	46 25 06 N 117 11 43 W	F I R 2.5s	36	3	TR on platform.	
		*				*	14/03
14025	- LIGHT 25	46 25 54 N 117 08 49 W	F I G 4s	13	4	SG on platform.	
		*				*	14/03
16170	<i>Dtokoah Point Lighted Bell Buoy 1</i>	48 22 37 N 124 35 16 W	F I G 4s		5	Green.	
		*				*	14/03
16185	<i>Clallam Reef Lighted Bell Buoy 1</i>	48 16 06 N 124 15 28 W	F I G 4s		4	Green.	
		*					14/03
16285	- <i>Lighted Buoy 2</i>	48 08 20 N 123 23 58 W	F I R 2.5s		5	Red.	
						*	14/03
16290	Port Angeles Harbor Buoy 1	48 07 21 N 123 24 31 W				Green can.	
		*					14/03
16315	- <i>Boat Haven Lighted Buoy 3</i>	48 07 43 N 123 26 54 W	F I G 4s		4	Green.	
		*					14/03
16340	<i>Rosario Strait Traffic Lane Entrance Lighted Buoy R</i>	48 16 25 N 123 06 35 W	F I Y 4s		6	Yellow.	RACON: T (-).
		*					14/03
16355	<i>New Dungeness Sand Spit Lighted Bell Buoy 2</i>	48 11 32 N 123 05 41 W	F I R 4s		3	Red.	
		*					14/03
16362	<i>Hein Bank Lighted Buoy 1</i>	48 22 01 N 123 02 11 W	F I G 6s		5	Green.	RACON: K(- - -).
		*					14/03
18150	- Channel Buoy 7	47 40 26 N 122 24 35 W				Green can.	
		*					14/03

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI PACIFIC COAST AND PACIFIC ISLANDS, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20295	- LIGHT I	47 40 42 N 106 59 14 W	FI W 6s	20	6	NB on platform.	
		*	*		*		14/03
23342	KAKE FERRY TERMINAL NORTH LIGHT	56 57 42 N 133 55 19 W	FI R 6s	32		On dolphin.	Private aid.
		*					14/03
23343	KAKE FERRY TERMINAL MIDDLE LIGHT	56 57 39 N 133 55 18 W	F R	32		On dolphin.	Private aid.
		*					14/03
23344	KAKE FERRY TERMINAL SOUTH LIGHT	56 57 36 N 133 55 16 W	F R	32		On dolphin.	Private aid.
		*					14/03

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SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*19402.4 <i>G 0794</i>	- El Marciano Tower.	34° 31.8' S 58° 21.6' W	Fl.(2)W. period 10s fl. 0.5s, ec. 1s fl. 0.5s, ec. 8s	26 8	2	Red and white structure on 4 posts.	
14/03							

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4108 <i>F 6589.25</i>	Kamaishi Ko.	39° 15.5' N 141° 55.9' E	Fl.(2)R. period 6s	52 16	8	Red tower; 33.	
*	*	*	*	*	*	*	14/03
5404 <i>F 6332</i>	Eno Shima.	35° 18.0' N 139° 28.7' E	Fl.W. period 10s	351 107	23	White triangular metal framework tower; 197.	
		*		*	*	*	14/03
*5580 <i>F 6269.6</i>	Mera, breakwater.	34° 39.8' N 138° 46.9' E	Fl.(2)R. period 6s	56 17	7	Red tower; 36.	
							14/03
5688 <i>F 6255</i>	-Eziri Basin, N. breakwater.	35° 01.0' N 138° 29.8' E	Fl.R. period 3s	30 9	6	Red tower; 18.	
		*					14/03
5696 <i>F 6249.5</i>	- N. light.	35° 02.3' N 138° 31.4' E	Iso.G. period 8s	20 6	3	White tower; 11.	
		*		*	*	*	14/03
*16621 <i>F 4413.4</i>	Dongbin Bridge.	36° 02.4' N 129° 22.3' E	Iso.W. period 4s	26 8	7	Red round daymark, white stripes.	Iso.R. 4s 8m 4M and Iso.G. 4s 8m 4M mark width of navigable span. Iso.Y. 4s 3m 6M, Iso.Y. 4s 6m 6M and Iso.Y. 4s 4m 6M mark bridge pilings.
							14/03
*17320.5 <i>F 4278.16</i>	Yongjon Hang, E. breakwater.	34° 20.1' N 126° 36.2' E	Fl.R. period 6s	30 9	5	Red hexagonal steel tower; 19.	
							14/03
17480 <i>F 4254</i>	-Mara Do.	33° 07.0' N 126° 16.2' E	Fl.W. period 10s	167 51	21	White octagonal concrete tower; 53.	Siren: 1 bl. ev. 30s. Radiobeacon. DGPS Station.
	-RACON		M(- -)		30		
		*				*	*
							14/03
17850 <i>F 4154.3</i>	Anhung Shin Hang, N. breakwater.	36° 40.6' N 126° 07.5' E	Fl.G. period 6s	56 17	15	White round concrete tower; 36.	
	*	*			*		14/03
*18537 <i>F 3895.35</i>	Lujjabazi.	37° 58.8' N 120° 39.2' E	Fl.W. period 3s	82 25	8	White round stone tower; 16.	
							14/03

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SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
* F 3895.3	18538 Miao Zui.	37° 58.0' N 120° 38.4' E	Fl.W. period 6s	157 48	8	White round stone tower; 16.	14/03
* F 3895.28	18539 Niutuozi.	37° 55.9' N 120° 40.1' E	Fl.(2)W. period 6s	105 32	8	White round stone tower; 16.	14/03
* F 3633.17	19136.5 Lu Yu Reef, S.	25° 19.4' N 119° 28.6' E	Fl.W. period 6s	33 10	10	Red and white concrete structure; 37.	14/03

CORRECTIONS TO PUB 112, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
* F 3895.3	1345 Mara Do	33°07.0' N 126°16.2' E	MR (-- --)	100		290 A2A	Transmits continuously. 14/03

CORRECTIONS TO PUB 112, DIFFERENTIAL GPS STATIONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Station ID	(5) Range	(6) Frequency	(7) Transfer Rate	(8) Remarks
* F 3895.3	10.5 Mara Do	33°07.0' N 126°16.2' E	T 665 R 730 R 731		290	24 hours continuously.	14/03

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SAGUNTO:						
E 0212.3	5428 -Escollera de Levante, head.	39° 38.6' N 0° 12.5' W	Q.G.	46 14	3	Green tower; 36.	14/03
		*			*		
E 0214	5432 --Corner.	39° 38.8' N 0° 12.8' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	20 6	3	Concrete tower; 10.	14/03
			*		*	*	
E 0214.6	*5440 -Darsena Pesquera, breakwater, head.	39° 39.1' N 0° 12.7' W	Fl.(4)G. period 11s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	1	Green truncated tower; 13.	14/03

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
* E 0214.7	5442 - -Contradike, head.	39° 39.2' N 0° 12.6' W	Fl.(2)R. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	20 6	1	Red truncated tower; 13.	
							14/03
E 0496	6020 Cap Bear.	42° 30.9' N 3° 08.2' E	Fl.(3)W. period 15s fl. 0.1s, ec. 2.9s fl. 0.1s, ec. 2.9s fl. 0.1s, ec. 8.9s	262 80	30	Red and gray square masonry tower; 88.	Visible 146°-056°.
							*
							14/03
E 0682	6676 Pointe Rouge, breakwater, head.	43° 14.8' N 5° 21.8' E	Fl.(2)G. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	33 10	6	White tower, green top; 23.	
		*			*		14/03
E 0751	6908 Cap-d'Arme.	42° 59.0' N 6° 12.4' E	Fl.(2)W. period 10s fl. 0.2s, ec. 2.3s fl. 0.2s, ec. 7.3s	262 80	29	White square tower, black top, dwelling; 65.	Visible 142°-204°, and 243°-119°. Obscured 252°-266°.
							*
							14/03
E 4780.95	*16012.5 -E. breakwater, head.	35° 31.2' N 24° 00.9' E	Fl.G. period 4s fl. 0.4s, ec. 3.6s	23 7	5	Metal framework with gallery and metal column with green band; 18.	
							14/03
E 5329	*18364 Sudakskiy.	44° 50.4' N 34° 58.4' E	Fl.R. period 5s fl. 1.5s, ec. 3.5s	75 23	15	Red square metal tower, white rectangular daymark, black stripe.	Reserve light range 10M.
							14/03

CORRECTIONS TO PUB 113, RADIOBEACONS, 2002 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
	500 Cap Bear Light Station						<i>Remove from list.</i>
							* 14/03
	530 Porquerolles (Cap d'Armes)						<i>Remove from list.</i>
							* 14/03

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
A 1734	7848 Roches-Douvres.	49° 06.5' N 2° 48.8' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	197 60	28	Pink tower on dwelling, green roof; 197.	Siren.
							* 14/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7960 <i>A 1698</i>	Cap Frehel.	48° 41.1' N 2° 19.2' W	Fl.(2)W. period 10s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 7.2s	279 85	29	Gray square tower; 108.	Reserve light range 15M. Horn: (about 400 meters NNE.) 2 bl. ev. 60s. * 14/03
7980 <i>A 1676</i>	-Grand Jardin Range, front.	48° 40.2' N 2° 05.0' W	Fl.(2)R. period 10s fl. 0.3s, ec. 2.2s fl. 0.3s, ec. 7.2s	79 24	15	Gray tower, red top; 125.	Forms range 129°42' with LaBallue for Chenal de la Petite Ponte. * 14/03
<p>*Delete Headings: *BRUNSBUTTEL: *-Nord-Ostsee-Kanal:</p>							
10544 <i>B 1422</i>	--Zweidorf.						<i>Remove from list.</i> * 14/03
<p>*Add Headings: *BRUNSBUTTEL: *-Nord-Ostsee-Kanal:</p>							
10552 <i>B 1438</i>	--New entrance, N. mole, head.	53° 53.3' N 9° 07.6' E	2 F.W.R. (vert.)	49 15 42 13	W. 10 R. 8	White tower, red band, cupola, designation "4"; 42.	R. 275°30'-079°, W.-084°. Storm signals. 14/03

CORRECTIONS TO PUB 114, RADIOBEACONS, 2002 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
680	Le Grand Jardin Light						<i>Remove from list.</i> * 14/03
690	Cap Frehel Light						<i>Remove from list.</i> * 14/03
710	Roches Douvres Light						<i>Remove from list.</i> * 14/03

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

NM 14/03

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 14/03

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
NIMA HYDRO CATALOG CATP2V01U			SDPUB153			COMDTM165024		
Region 1	2002	1* 2,3,4,7,8,9,10,11,14/03		2000	6/01*:28,30,41,44,46,47,48,52/02;1,3,4,8,13/03		2002	30*,31,32,33,34,35,36,37,40,41,42,43,45,46,47,48,49,50,51,52/02;1,2,3,4,5,7,9,10,11,12,13,14/03
Region 2	2002	1*,8/03	SDPUB154	2002	17*,19,31,42,44,45,46,48,50/02;3,14/03	COMDTM165025	2002	16/02*
Region 3	2002	1/03*	SDPUB155	2001	31*,48/01;10,45,46/02	COMDTM165026	2002	35*,36,40,41,42,43,44,45,46,47,48,49,50,51,52/02;1,2,4,5,6,7,8,9,10,11,12,13,14/03
Region 4	2002	1/03*	SDPUB157	2000	20*,27,29,33,34,35,38,41,44,48/00;1,3,4,6,7,11,12,13,21,23,32,47/01;2,5,9,13,14,20,22,27,38/02		2002	16*,17,18,19,20,21,22,23,25,27,29,30,32,33,34,36,37,40,43,45,46,47,48,50,51,52/02;1,4,6,13/03
Region 5	2002	1*,3,5,8/03	SDPUB158	2000	50/00*:5,10,12,13,15,17,20,24/01;46/02			
Region 6	2002	1*,10,11,13/03	SDPUB159	2002	42*,48/02	FLEET GUIDES		
Region 7	2002	1*,11/03	SDPUB160	2002	47*,48,49,52/02;6,8,10,11/03	FGPUB940ATL	2001	N47/01*
Region 8	2002	1*,14/03	SDPUB161	2002	23*,24,44,47,48/02;5,12/03	FGPUB941PAC	2001	N22/01*
Region 9	2002	1/03*	SDPUB162	2001	51/01*:5,12/03	NOS MISCELLANEOUS PUBLICATIONS		
Miscellaneous Charts and Publications	2002	1* 2,4,5,6,7,9,11,12,13/03	SDPUB163	2002	18*,20,21,26,46,51/02;13/03	NOSPBCATALOG1	2000	20/00*
NIMA LIST OF LIGHTS			SDPUB164	2000	30/00*:31,35,36/01;8/03	NOSPBCATALOG2	2000	34/00*
LLPUB110	2003	7* 8,9,11,13,14/03	SDPUB171	2001	40*,47,48,52/01;5,9,14,16,41/02	NOSPBCATALOG3	2000	28/00*
LLPUB111	2002	35*,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,52/02;1,2,3,4,5,6,7,8,9,10,12/03	SDPUB172	2001	1*,2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14/03	NOSPBCATALOG4	2000	34/00*
LLPUB112	2003	4* 5,6,7,8,9,10,11,12,13,14/03	SDPUB173	2002	50*,51/02;3/03	ALMANACS		
LLPUB113	2002	45*,47,48,50,51,52/02;1,2,3,4,5,6,7,8,10,11,12,13,14/03	SDPUB174	2000	7*,19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02	AIRALMANAC301	2003	44/02*
LLPUB114	2002	13*,15,16,17,19,20,21,22,23,24,31,32,34,35,36,38,39,40,41,43,45,46,47,48,49,51/02;1,4,5,6,14/03	SDPUB175	2001	41*,43,45,51/01;8,11,12,13,14,16,17,21,27,37,41,49/02	NAUTALMANAC03	2003	44/02*
LLPUB115	2002	39*,40,41,44,45,50,51,52/02;1/03	SDPUB180	2002	32*,33,42,47,48,50/02;6,13,14/03	COAST PILOT		
LLPUB116	2002	18*,20,21,22,24,25,26,27,29,31,34,37,41,42,44,45,46,47,48,49,50,52/02;1,2,4,5,6,7,8,9,10,11,12,13/03	SDPUB181	2002	38*,39/02	NOSPBCP1	32	37*,39,41,47,51/01;1,5,7,13,18,33,37,39,42,45,49,51/02;3,9,10/03
SAILING DIRECTIONS			SDPUB182	2001	8*,10,12,41/02	NOSPBCP2	31	44*,47,51,52/01;5,7,12,13,18,23,33,37,39,42,45,48,51/02;3,6,11,13/03
CDPUBSD131	2002	9/03*	SDPUB183	2001	27/01*:13,15,16/02	NOSPBCP3	35	3*,5,7,12,15,17,18,21,22,27,28,33,37,42,45,49,51/02;3,10,12,13,14/03
CDPUBSD146	2002	4/03*	SDPUB191	2000	5*,7,8,9,10,11,12,13,14,15,16,17,18,19,20,22,23,27,28,29,30,31,33,34,36,44,45,47,48/01;10,14,15,16,17,42,50/02;2,9,12/03	NOSPBCP4	34	49*,51/02;12,14/03
CDPUBSD194	2002	6*,8/03	SDPUB192	2000	14*,16,17,18,24,26,31,36,38,39,46/00;4,14,17,21,22,23,25,26,28,30,31,32/01;11,12,13,14,15,16,22,23,27,36,37,42,48,52/02;2,4,5,6,7,8,13/03	NOSPBCP5	30	2*,6,10,12,14/03
SDPUB120	2001	12*,18,48,49,51/01;8,13,14,21,22,24,29,33,35,37,42,43,44,45,47/02;4,6,7,8,9,10,11,12,14/03	SDPUB193	2000	27*,38,49/00;9,26,27,31,32/01;14,15,26,52/02	NOSPBCP6	32	19*,20,21,33,39,45,47,49,51/02;3,6/03
SDPUB123	2001	45*,47,48/01;1,14,17,18,19/02	SDPUB195	2002	33*,40,49,51,52/02;1,2,3/03	NOSPBCP7	34	1*,3,10/03
SDPUB124	2001	18*,44,45,47,48,49,52/01;1,17,19,20,21,29,30,31,34,46,50/02	SDPUB200	2002	38*,39,42/02	NOSPBCP8	24	3*,5,16,17,19,23,33,37,40,47,50,51/02;9/03
SDPUB125	2000	6*,9,10,20,21,40/00;36,37,45,46/01;14,17,33,35,38,40/02	USCG LIGHT LIST VOLUMES I - VII			NOSPBCP9	20	12*,20,23,33,37,45,50,51/02;3,6,9,10,14/03
SDPUB126	2002	39*,41,42,43,44,45,48/02	COMDTM165021	2002	30*,31,32,33,34,35,36,37,39,40,41,42,43,44,45,46,47,48,49,50,51,52/02;1,2,4,5,6,7,8,9,11,12,13/03	RADIO NAVIGATIONAL AIDS		
SDPUB127	2000	37*,38/00;18,33,40,44,45,48,49,52/01;1,11,13,17,18,27,33,34,37,41,47,49,51/02;5/03	COMDTM165022	2002	16*,17,18,19,20,21,22,23,25,26,27,28,29,30,31,32,33,34,35,36,37,40,41,42,43,44,45,46,47,48,49,50,51,52/02;1,2,3,4,5,6,7,9,10,11,12,13,14/03	RAPUB117	2002	50/02*:13/03
SDPUB132	2000	39*,45/00;16,17,31,35/01;1,12,21,25,26/02;2,10/03	COMDTM165023	2002	35*,36,37,40,41,42,43,44,45,46,47,48,49,50,51,52/02;1,2,3,4,5,6,7,9,10,11,12,13,14/03	AMERICAN PRACTICAL NAVIGATOR		
SDPUB140	2001	21*,48,49,51/01;8,17,23,32,42,43,44,46,47,48,50/02;4,6,7,8,9,11,12/03				NVPUB9	2002	36/02*:14/03
SDPUB141	2001	21*,38/01				INTERNATIONAL CODE OF SIGNALS		
SDPUB142	2000	49/00*:3,31,35/01;1,15,43/02				NVPUB102	1999	46/99*:52/01
SDPUB143	2000	8*,10,19,29/00;16,26/01;1,25/02;9/03				WORLD PORT INDEX		
SDPUB145	2000	13*,14,18,19,22,26,32,37,38,46,47,51,53/00;1,4,5,7,10,12,28,29,35,52/01;14,27/02				NVPUB150	2000	50/00*:14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01;1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02;2,7,10/03
SDPUB147	2001	35/01*:21,22,23,24/02				DISTANCES BETWEEN PORTS		
SDPUB148	2001	48/01*:23,24/02				NVPUB151	2001	4/02*
						RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
						CDPUBNV1310	2001	51/01*

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 14/03**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.
SIGHT REDUCTION TABLES (MARINE)		
SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
SRPUB249V1	2000	4/01*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
CHART NO. 1		
WOBZC1	1997	18/98*
CHART NO. 4		
WOBZC4	1988	N20/89*
ATLAS OF PILOT CHARTS		
NVPUB107	1998	30/99*
NVPUB109	2001	49/02*
USCG NAVIGATION RULES		
COMDTM166722D	1999	44/99*;52/00
NOS TIDE TABLES		
NOSPBTTWCWPACIN3	2003	N4/03*
NOSPBTTWCSTNSA3	2003	N4/03*
NOSPBTTTEURAFR3	2003	N4/03*
NOSPBTTWCSTNSA3	2003	N4/03*
TIDAL CURRENT TABLES		
NOSPBTCATCSTN3	2003	N4/03*
NOSPBTCIPACAS3	2003	N4/03*

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 201200Z March 2003:

2001 series	219(GEN)	365(14)	52(11)	101(GEN)	106(GEN)
393(GEN)	346(GEN)	468(GEN)	87(11)	102(11,26)	
2002 series	351(11)	2003 series	99(11)	105(24)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

NAVAREA IV WARNINGS issued from 131200Z to 201200Z March 2003.

102/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0500Z TO 0459Z COMMENCING DAILY 17 THRU 23 MAR IN AREA BOUND BY 30-45.0N 080-32.0W, 30-45.0N 079-40.0W, 30-37.5N 079-40.0W, 30-34.0N 080-33.0W.
 - B. 0500Z TO 0459Z COMMENCING DAILY 17 THRU 23 MAR IN AREA BETWEEN 29-20.0N 29-10.0N AND 079-50.0W 079-40.0W.
 - C. 1300Z TO 0459Z COMMENCING DAILY 18 AND 20 MAR IN AREA BETWEEN 29-40.0N 29-50.0N AND 080-30.0W 080-40.0W.
2. CANCEL THIS MSG 240559Z MAR.

(141321Z MAR 2003)

103/03 and 104/03. CANCELED.

105/03(24). NORTH ATLANTIC.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 MAR BY M/V FALCON EXPLORER TOWING 8400 METER LONG CABLE IN AREA BOUND BY 10-50.2N 060-54.6W, 10-08.4N 060-59.2W, 10-03.9N 061-10.9W, 09-51.1N 061-10.7W, 09-49.5N 060-39.9W, 09-59.0N 059-49.5W, 10-50.0N 059-48.8W.
2. CANCEL THIS MSG 01 APR.

(171855Z MAR 2003)

106/03(GEN). MARAD ADVISORY 03-03.

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY HAD DECIDED TO RAISE THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. IN RECENT MONTHS, THERE HAVE BEEN REPORTS OF SUSPICIOUS ACTIVITY IN AND AROUND MILITARY FACILITIES, PORTS, WATERWAYS, GENERAL INFRASTRUCTURE (BRIDGES, DAMS, POWER GENERATING FACILITIES), AND TARGETS THAT ARE CONSIDERED SYMBOLIC TO U.S. POWER AND INFLUENCE.
2. THE DEPARTMENT OF HOMELAND SECURITY, IN CONJUNCTION WITH NUMEROUS DEPARTMENTS OF THE FEDERAL GOVERNMENT HAS BEGUN IMPLEMENTING INCREASED PROTECTIVE MEASURES UNDER A COMPREHENSIVE NATIONAL PLAN TO PROTECT THE HOMELAND: "OPERATION LIBERTY SHIELD." OPERATION LIBERTY SHIELD WILL INCREASE SECURITY AT OUR BORDERS, STRENGTHEN TRANSPORTATION SECTOR PROTECTIONS, ENHANCE SECURITY AT OUR CRITICAL INFRASTRUCTURE, INCREASE PUBLIC HEALTH PREPAREDNESS AND MAKE SURE ALL FEDERAL RESPONSE ASSETS CAN BE DEPLOYED QUICKLY.
3. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. THE INTELLIGENCE COMMUNITY BELIEVES THAT TERRORISTS WILL ATTEMPT MULTIPLE ATTACKS AGAINST U.S. AND COALITION TARGETS WORLDWIDE IN THE EVENT OF A U.S.-LED MILITARY CAMPAIGN AGAINST SADDAM HUSSEIN.
4. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE: WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
5. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
6. ALL U.S.-FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND THE SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.

7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY "NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW WASHINGTON, DC 20590, PHONE: 202-366-5735 OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
10. CANCEL THIS MSG 29 APR.

(182200Z MAR 2003)

SECTION III

NM 14/03

HYDROLANTS

Messages in force 201200Z March 2003:

2000 series	946(53)	76(54)	427(56)	540(53)	574(24)
1569(36)	1485(24)	181(57)	433(GEN)	544(55)	576(23)
2937(38)	2027(GEN)	262(54)	448(24)	547(GEN)	577(51)
3762(43)	2203(51)	271(GEN)	452(53)	548(55)	578(24)
4265(44)	2354(53)	273(54)	463(52,53)	551(53)	579(37)
2001 series	2673(GEN)	282(55)	476(54)	553(35,36)	580(53)
611(44)	2682(51)	309(24)	481(37)	554(37)	581(35)
1798(37)	2808(24)	317(37)	483(57)	557(55)	582(37)
2659(GEN)	2848(37)	339(GEN)	484(52,53)	560(24)	583(GEN)
2700(37)	2869(52)	368(54)	485(53)	561(55)	584(35)
2864(53)	2882(54)	369(51)	490(51)	563(37)	585(24)
3161(44)	2883(54)	381(56)	496(55)	564(36)	586(23)
2002 series	2003 series	382(24,25)	509(54,56)	569(24)	589(54)
245(GEN)	41(37)	383(57)	522(24)	570(36)	590(53,54)
246(GEN)	65(53)	390(22)	533(53)	572(23,29)	592(55)
383(53)	67(37)	404(37)	536(36)	573(55)	593(37)

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

HYDROLANT WARNINGS issued from 131200Z to 201200Z March 2003.

557/03(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0700Z TO 1430Z DAILY
18 THRU 20 MAR IN AREA BOUND BY
45-00.0N 035-48.0E, 44-57.5N 035-48.0E,
44-57.5N 035-35.5E, 45-04.0N 035-33.5E.
2. CANCEL HYDROLANT 543/03(35,43), STATION RESTORED.
3. CANCEL THIS MSG 201530Z MAR.

(131210Z MAR 2003)

558/03 and 559/03. CANCELED.

560/03(24). URUGUAY. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0900Z TO 2200Z DAILY 18 THRU 20 MAR
IN AREA BETWEEN 35-20S 35-45S AND 054-45W 055-16W.
2. CANCEL THIS MSG 202300Z MAR.

(140245Z MAR 2003)

561/03(55). BLACK SEA. GUNNERY. MISSILES.

1. HAZARDOUS OPERATIONS 0800Z TO 1230Z DAILY 17, 18 AND 21 MAR
AND 0600Z TO 1100Z DAILY 19 AND 20 MAR IN AREA BOUND BY
44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
45-00.2N 032-14.2E, 44-52.2N 032-41.6E,
44-43.8N 032-52.2E, 44-34.8N 032-37.4E.
2. CANCEL THIS MSG 211330Z MAR.

(141050Z MAR 2003)

562/03. CANCELED.

563/03(37). NORTH SEA.

CHART 37165 (2ND ED).

1. DANGEROUS WRECK REPORTED IN 54-02.12N 004-45.85E MARKED BY:
 - A. EAST CARDINAL BUOY.
 - B. TWO WEST CARDINAL BUOYS, ONE WITH RACON (D).
 - C. NORTH CARDINAL BUOY.
 - D. SOUTH CARDINAL BUOY.
2. CANCEL HYDROLANT 234/03.

(141550Z MAR 2003)

564/03(36). NORTH ATLANTIC.

1. DERELICT S/V ADRIFT VICINITY 46-35N 006-28W
AT 141900Z MAR.
2. CANCEL HYDROLANT 559/03.
3. CANCEL THIS MSG 21 MAR.

(142015Z MAR 2003)

565/03 thru 568/03. CANCELED.

569/03(24). BRAZIL-SOUTH COAST.

1. OCEANOGRAPHIC OPERATIONS IN PROGRESS UNTIL 23 MAR BY M/V ANTARES IN AREA BOUND BY 27-41S 048-19W, 29-21S 045-10W, 27-05S 044-21W, 24-50S 047-02W. THREE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 24 MAR.

(151645Z MAR 2003)

570/03(36). NORTH ATLANTIC.

1. CONTAINER ADRIFT VICINITY 44-58.6N 014-23.0W AT 151605Z MAR.
2. CANCEL THIS MSG 22 MAR.

(151730Z MAR 2003)

571/03. CANCELED.

572/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 14 MAR IN:
 - A. A-43B, 13 MILES BY 40 MILES IN 54-30S 039-12W.
 - B. A-43C, 24 MILES BY 41 MILES IN 58-54S 037-24W.
 - C. A-43G, EIGHT MILES BY 49 MILES IN 52-36S 041-30W.
 - D. A-43I, TWO MILES BY 12 MILES IN 56-42S 033-42W.
 - E. A-46, FOUR MILES BY 11 MILES IN 53-48S 045-30W.
 - F. A-47, NINE MILES BY 14 MILES IN 53-12S 047-06W.
 - G. B-09A, 15 MILES BY 22 MILES IN 52-00S 033-24W.
2. CANCEL HYDROLANT 529/03.
3. CANCEL THIS MSG 22 MAR.

(151930Z MAR 2003)

573/03(55). BLACK SEA. STRAIT OF ISTANBUL.

1. PIPELAYING OPERATIONS 21 MAR THRU 18 MAY ALONG TRACKLINE BETWEEN 41-04-53N 029-03-44E AND 41-04-54N 029-03-42E.
2. CANCEL THIS MSG 19 MAY.

(160045Z MAR 2003)

574/03(24). BRAZIL-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 210159Z MAR BY M/V CGG ALIZE TOWING EIGHT 7400 METER LONG CABLES IN AREA BOUND BY 20-00S 039-35W, 20-00S 038-45W, 19-20S 039-00W, 19-20S 039-30W. FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 571/03(23).
3. CANCEL THIS MSG 210259Z MAR.

(160533Z MAR 2003)

575/03. CANCELED.

576/03(23). SOUTH ATLANTIC. ARGENTINA.

- CHART 23020 (4TH ED).
FISHING TACKLE MARKED BY ORANGE BUOYS, RED FLAGS AND TWO BEACONS ANCHORED IN 42-13.1S 059-55.4W.

(170437Z MAR 2003)

577/03(51). AFRICA-WEST COAST.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 12 APR BY S/V WESTERN REGENT IN AREA BETWEEN 13-20N 13-40N AND 017-35W 018-05W. FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 13 APR.

(180122Z MAR 2003)

578/03(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 210159Z MAR BY M/V RAMFORM VIKING TOWING TEN 4600 METER LONG CABLES IN AREA BETWEEN 23-50S 24-10S AND 043-25W 043-00W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 210259Z MAR.

(180430Z MAR 2003)

579/03(37). ENGLAND-SOUTH COAST.

- SURVEY OPERATIONS IN PROGRESS DURING DAYLIGHT HOURS UNTIL FURTHER NOTICE BY M/V EXPLORER IN AREA BOUND BY 50-36N 000-17W, 50-36N 000-27W, 50-47N 000-35W, 50-47N 000-29W. WIDE BERTH REQUESTED.

(180922Z MAR 2003)

- 580/03(53). IONIAN SEA.
DISTRESS SIGNAL RECEIVED FROM F/V ORIZZONTE
IN 35-48N 016-27E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC ROME, PHONE: 390 6592 4145,
FAX: 390 6592 2737 OR JRCC PIRAEUS,
TELEX: 6012 11588, PHONE: 3021 0411 2500,
FAX: 3021 0413 2398.
(181420Z MAR 2003)
- 581/03(35). SCOTLAND-WEST COAST. RADIO SERVICES.
DSC STATION BUTT OF LEWIS 58-28N 006-14W INOPERATIVE.
(181524Z MAR 2003)
- 582/03(37). ENGLAND-EAST COAST.
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER
NOTICE BY M/V TERRAMARE IN 52-32.8N 002-03.8E.
WIDE BERTH REQUESTED.
(181900Z MAR 2003)
- 583/03(GEN). MARAD ADVISORY 03-03.
1. THE U.S. DEPARTMENT OF HOMELAND SECURITY HAD DECIDED TO
RAISE THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM
ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE).
THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.
IN RECENT MONTHS, THERE HAVE BEEN REPORTS OF SUSPICIOUS
ACTIVITY IN AND AROUND MILITARY FACILITIES, PORTS, WATERWAYS,
GENERAL INFRASTRUCTURE (BRIDGES, DAMS, POWER GENERATING
FACILITIES), AND TARGETS THAT ARE CONSIDERED SYMBOLIC TO U.S.
POWER AND INFLUENCE.
2. THE DEPARTMENT OF HOMELAND SECURITY, IN CONJUNCTION WITH NUMEROUS
DEPARTMENTS OF THE FEDERAL GOVERNMENT HAS BEGUN IMPLEMENTING
INCREASED PROTECTIVE MEASURES UNDER A COMPREHENSIVE NATIONAL PLAN
TO PROTECT THE HOMELAND: OPERATION LIBERTY SHIELD. OPERATION LIBERTY
SHIELD WILL INCREASE SECURITY AT OUR BORDERS, STRENGTHEN TRANSPORTATION
SECTOR PROTECTIONS, ENHANCE SECURITY AT OUR CRITICAL INFRASTRUCTURE,
INCREASE PUBLIC HEALTH PREPAREDNESS AND MAKE SURE ALL FEDERAL RESPONSE
ASSETS CAN BE DEPLOYED QUICKLY.
3. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE
MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS.
OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF
SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY
EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT
AGENCIES. THE INTELLIGENCE COMMUNITY BELIEVES THAT TERRORISTS WILL ATTEMPT
MULTIPLE ATTACKS AGAINST U.S. AND COALITION TARGETS WORLDWIDE IN THE EVENT
OF A U.S.-LED MILITARY CAMPAIGN AGAINST SADDAM HUSSEIN.
4. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS
ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE:
WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION
CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
5. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF
SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCIES
(NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION
PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
6. ALL U.S.-FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS
AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN,
RED SEA AND THE SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS
EVERY 24 HOURS VICE EVERY 48 HOURS.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR
SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED
IN THE WEEKLY "NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE:
WWW.MARAD.DOT.GOV.
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME
ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123,
400 7TH STREET SW WASHINGTON, DC 20590, PHONE: 202-366-5735 OR BY EMAIL TO
OPCENTR1@MARAD.DOT.GOV.
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT
CONDITION ORANGE.
10. CANCEL THIS MSG 29 APR.
(182215Z MAR 2003)
- 584/03(35). SCOTLAND-WEST COAST.
CHART 35265 (3RD ED).
DUBH ARTACH LIGHT 56-08.0N 006-37.9W UNRELIABLE.
(190315Z MAR 2003)

- 585/03(24). SOUTH ATLANTIC. URUGUAY.
 1. HYDROGRAPHIC SURVEY IN PROGRESS UNTIL 271200Z MAR BY
 M/V ROU 22 OYARVIDE IN AREA BOUND BY
 34-42.0S 053-45.0W, 34-47.0S 053-40.7W,
 34-35.8S 053-30.0W, 34-30.5S 053-34.7W.
 1.5 MILE BERTH REQUESTED.
 2. CANCEL HYDROLANT 538/03.
 3. CANCEL THIS MSG 271300Z MAR. (190448Z MAR 2003)
- 586/03(23). SOUTH ATLANTIC. ARGENTINA.
 1. DERELICT F/V ARBUMASA XXVI ADRIFT IN 48-59S 062-07W.
 2. CANCEL THIS MSG 26 MAR. (190513Z MAR 2003)
- 587/03 and 588/03. CANCELED.
- 589/03(54). AEGEAN SEA.
 UNDERWATER CABLE OPERATIONS IN PROGRESS UNTIL
 FURTHER NOTICE BY CABLESHIP RAYMOND CROZE IN AREA
 BOUND BY 36-27.0N 021-22.0E, 36-24.5N 021-26.0E,
 36-39.5N 021-40.5E, 36-42.5N 021-35.5E.
 ONE MILE BERTH REQUESTED. (200040Z MAR 2003)
- 590/03(53,54). IONIAN SEA.
 1. GUNNERY EXERCISES DURING DAYLIGHT HOURS 20 MAR IN
 AREA BETWEEN 37-05N 37-30N AND 015-54E 016-15E.
 2. CANCEL THIS MSG 21 MAR. (200225Z MAR 2003)
- 591/03. CANCELED.
- 592/03(55). BLACK SEA. GUNNERY. MISSILES.
 1. HAZARDOUS OPERATIONS 250830Z THRU 28 MAR IN AREA BOUND BY
 44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
 44-39.0N 032-11.6E, 44-48.4N 032-08.2E,
 45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
 2. CANCEL THIS MSG 29 MAR. (201005Z MAR 2003)
- 593/03(37). BAY OF BISCAY.
 1. DERELICT 35 METER F/V URONTZI, RED HULL, ADRIFT
 IN 47-42N 006-17.5W.
 2. CANCEL THIS MSG 27 MAR. (201035Z MAR 2003)

SECTION III

NM 14/03

NAVAREA XII

Messages in force 201200Z March 2003:

2001 series	2002 series	260(GEN)	2003 series	61(GEN)	73(18)
298(GEN)	178(GEN)	339(GEN)	54(19)	71(GEN)	76(GEN)

The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

NAVAREA XII WARNINGS issued from 131200Z to 201200Z March 2003.

74/03 and 75/03. CANCELED.

76/03(GEN). MARAD ADVISORY 03-03.

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY HAD DECIDED TO RAISE THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. IN RECENT MONTHS, THERE HAVE BEEN REPORTS OF SUSPICIOUS ACTIVITY IN AND AROUND MILITARY FACILITIES, PORTS, WATERWAYS, GENERAL INFRASTRUCTURE (BRIDGES, DAMS, POWER GENERATING FACILITIES), AND TARGETS THAT ARE CONSIDERED SYMBOLIC TO U.S. POWER AND INFLUENCE.
2. THE DEPARTMENT OF HOMELAND SECURITY, IN CONJUNCTION WITH NUMEROUS DEPARTMENTS OF THE FEDERAL GOVERNMENT HAS BEGUN IMPLEMENTING INCREASED PROTECTIVE MEASURES UNDER A COMPREHENSIVE NATIONAL PLAN TO PROTECT THE HOMELAND: "OPERATION LIBERTY SHIELD." OPERATION LIBERTY SHIELD WILL INCREASE SECURITY AT OUR BORDERS, STRENGTHEN TRANSPORTATION SECTOR PROTECTIONS, ENHANCE SECURITY AT OUR CRITICAL INFRASTRUCTURE, INCREASE PUBLIC HEALTH PREPAREDNESS AND MAKE SURE ALL FEDERAL RESPONSE ASSETS CAN BE DEPLOYED QUICKLY.
3. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. THE INTELLIGENCE COMMUNITY BELIEVES THAT TERRORISTS WILL ATTEMPT MULTIPLE ATTACKS AGAINST U.S. AND COALITION TARGETS WORLDWIDE IN THE EVENT OF A U.S.-LED MILITARY CAMPAIGN AGAINST SADDAM HUSSEIN.
4. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE: WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
5. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
6. ALL U.S.-FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND THE SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY "NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW WASHINGTON, DC 20590, PHONE: 202-366-5735 OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
10. CANCEL THIS MSG 29 APR.

(182220Z MAR 2003)

SECTION III

NM 14/03

HYDROPACS

Messages in force 201200Z March 2003:

2000 series	2111(62)	215(GEN)	332(62)	407(81)	471(62)
597(73)	2191(22)	221(81)	333(62)	411(81)	472(63)
1557(94)	2199(63)	225(63)	336(71)	418(75)	473(95)
2001 series	2277(GEN)	232(93)	343(94,95)	423(76)	474(95)
1556(71)	2330(62)	234(83)	344(94,95)	426(61)	475(63)
1636(96)	2339(63)	237(81)	350(95)	427(71,74)	478(63)
1647(GEN)	2402(22)	250(81)	351(95)	428(63)	480(74)
1976(62)	2432(22)	251(81)	355(62)	433(63)	482(GEN)
2002 series	2437(72)	253(62)	361(63)	434(61)	483(61)
146(62)	2465(63)	268(62)	362(95)	436(61)	484(62)
196(61)	2003 series	280(81)	363(95)	437(61)	485(81)
205(GEN)	3(63)	281(97)	365(63)	439(GEN)	486(81)
206(GEN)	74(63)	298(63)	368(75)	445(96)	487(61)
207(93)	100(29)	301(75)	375(97)	446(63)	488(62)
352(73)	109(29)	303(81)	379(81)	451(82,83)	489(96)
403(72,73)	129(63)	304(93)	380(71)	452(81)	490(96)
637(75)	151(63)	310(94,97)	381(61)	453(63)	491(62)
828(62)	167(95)	311(81)	386(19,81)	460(81)	492(22)
1315(62)	171(71,93)	317(81)	387(74)	461(93)	493(95,97)
1661(GEN)	185(19)	318(93)	390(GEN)	462(23,29)	
1765(71)	197(71)	320(93)	394(75)	465(74)	
1843(22)	207(62)	327(62)	398(62)	469(81)	
2057(71,93)	210(83)	328(97)	399(54,56)	470(61)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

HYDROPAC WARNINGS issued from 131200Z to 201200Z March 2003.

446/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

- HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 18 AND 21 MAR
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
09-40.0N 076-14.6E, 09-42.5N 076-09.5E.
- CANCEL HYDROPAC 442/03(74), 440/03(73,74) REFERS.
- CANCEL THIS MSG 211630Z MAR.

(131430Z MAR 2003)

447/03 thru 450/03. CANCELED.

451/03(82,83). SOUTH PACIFIC.

- 120 FOOT LONG OBJECT ADRIFT VICINITY
05-08S 174-07E AT 140332Z MAR.
- CANCEL THIS MSG 21 MAR.

(140845Z MAR 2003)

452/03(81). NORTH PACIFIC. CAROLINE ISLANDS.

23 FOOT VESSEL, WHITE HULL, THREE PERSONS ON BOARD, OVERDUE
PAKIN ISLAND TO POHNPEI ISLAND. VESSEL REPORTED WITHIN
50 MILES OF 07-08N 156-37E. VESSELS IN VICINITY REQUESTED TO
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM,
TELEX: 392401, PHONE: 671 339 6100, FAX: 671 339 6210.

(141120Z MAR 2003)

453/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

- HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY 19 THRU 21 MAR
IN AREA BOUND BY 19-14.6N 084-53.7E, 19-10.5N 085-01.0E,
19-01.7N 084-56.8E, 19-05.1N 084-48.4E, 19-12.6N 084-51.6E.
- CANCEL THIS MSG 211330Z MAR.

(141435Z MAR 2003)

454/03 thru 459/03. CANCELED.

460/03(81). NORTH PACIFIC.

- DERELICT 62 TON F/V MINATO SHINNSEI MARU NO.38
ON FIRE AND ADRIFT VICINITY 21-50.7N 149-30.7E
AT 150403Z MAR.
- CANCEL HYDROPAC 458/03, PERSONS RESCUED.
- CANCEL THIS MSG 22 MAR.

(150745Z MAR 2003)

461/03(93). SOUTH CHINA SEA.

MAN OVERBOARD FROM F/V LEIN TUNG FA NO. 82 VICINITY
13-30N 116-00E AT 142200Z MAR. VESSELS IN VICINITY
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO MRCC HONG KONG, TELEX: 80282952 OR TAIPEI RCC
OR PAC RCC, TELEX: 392401, PHONE: 808 531 1112, FAX: 808 541 2123.

(150845Z MAR 2003)

462/03(23,29). SOUTH PACIFIC. ICE.

1. ICEBERGS REPORTED ON 14 MAR IN:
 - A. A-38A, 22 MILES BY 48 MILES IN 61-42S 052-24W.
 - B. A-38B, 22 MILES BY 25 MILES IN 63-00S 051-54W.
 - C. A-38C, SEVEN MILES BY 11 MILES IN 60-30S 049-48W.
 - D. A-38D, TWO MILES BY TEN MILES IN 63-42S 052-36W.
 - E. A-43A, 14 MILES BY 35 MILES IN 67-35S 058-42W.
 - F. A-43E, TEN MILES BY 14 MILES IN 68-24S 059-24W.
 - G. A-43F, 22 MILES BY 44 MILES IN 66-30S 059-42W.
 - H. A-43J, FIVE MILES BY 17 MILES IN 67-30S 060-24W.
 - I. A-48, NINE MILES BY TEN MILES IN 63-42S 052-54W.
 - J. A-49, ONE MILE BY TEN MILES IN 63-06S 052-00W.
 - K. A-50, ONE MILE BY TEN MILES IN 63-30S 053-06W.
 - L. A-51, TWO MILES BY 14 MILES IN 67-18S 060-30W.
 - M. A-52, EIGHT MILES BY 22 MILES IN 65-30S 060-42W.
2. CANCEL HYDROPAC 416/03.
3. CANCEL THIS MSG 22 MAR.

(152000Z MAR 2003)

463/03 and 464/03. CANCELED.

465/03(74). AUSTRALIA. CORAL SEA.

1. 12 METER VESSEL EROICA PARTIALLY SUBMERGED AND
ADrift VICINITY 29-03.8S 160-39.5E AT 160345Z MAR.
2. CANCEL HYDROPAC 450/03.
3. CANCEL THIS MSG 23 MAR.

(160640Z MAR 2003)

466/03 thru 468/03. CANCELED.

469/03(81). NORTH PACIFIC. MARIANA ISLANDS. ORDNANCE.

1. BOMBING EXERCISES 2200Z TO 1200Z COMMENCING DAILY
17 THRU 21 MAR WITHIN TEN MILES OF 16-01N 146-04E.
2. CANCEL HYDROPAC 463/03 DTG 170110Z MAR, MSG PROMULGATED IN ERROR.
3. CANCEL THIS MESSAGE 211300Z MAR.

(170233Z MAR 2003)

470/03(61). INDIAN OCEAN. REPUBLIC OF SOUTH AFRICA.

MAN OVERBOARD FROM M/V AL WAALIYU VICINITY OF TRACKLINE
BETWEEN 35-11S 020-30E AT 162330Z MAR AND 35-05S 021-51E
AT 170400Z MAR. VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO CAPETOWN RADIO.

(170930Z MAR 2003)

471/03(62). SAUDI ARABIA. RED SEA.

CHART 62241 (10TH ED).
JEDDAH DPGS STATION 21-28.4N 039-08.9E AT REDUCED POWER.

(171028Z MAR 2003)

472/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 200230Z TO 200530Z AND
201230Z TO 201430Z MAR IN AREA BOUND BY
17-42.2N 083-18.6E, 17-42.1N 083-29.9E,
17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
2. CANCEL THIS MSG 201530Z MAR.

(171053Z MAR 2003)

473/03(95). SOUTH KOREA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 212200Z TO 251000Z MAR
WITHIN 0.5 MILES OF:
 - A. 36-02.9N 129-29.3E.
 - B. 36-02.5N 129-28.9E.
 - C. 36-02.2N 129-28.5E.
 - D. 36-01.8N 129-28.1E.
2. CANCEL THIS MSG 251100Z MAR.

(171400Z MAR 2003)

474/03(95). SOUTH KOREA. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 212200Z TO 221000Z
AND 222200Z TO 231000Z MAR WITHIN 0.5 MILES OF
36-01.4N 129-27.8E.

SECTION III

NM 14/03

2. CANCEL HYDROPAC 468/03, MSG NOT PROMULGATED.
3. CANCEL THIS MSG 231100Z MAR. (171447Z MAR 2003)
- 475/03(63). INDIA-EAST COAST. ROCKETS.
1. HAZARDOUS OPERATIONS 0930Z TO 1200Z DAILY 20 MAR
THRU 02 APR WITHIN 60 MILES OF 13-41.7N 080-14.0E.
2. CANCEL THIS MSG 021300Z APR. (171730Z MAR 2003)
- 476/03 and 477/03. CANCELED.
- 478/03(63). INDIA-WEST COAST. ROCKETS.
1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY
19 THRU 20 MAR WITHIN 75 MILES OF
08-31.9N 076-52.1E.
2. CANCEL THIS MSG 201700Z MAR. (180153Z MAR 2003)
- 479/03. CANCELED.
- 480/03(74). AUSTRALIA-NORTHWEST COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
BY M/V VERITAS SEARCHER TOWING 4.6 MILE LONG CABLE
IN AREA BETWEEN 18-30S 21-00E AND 113-00E 116-00E.
SEVEN MILE BERTH REQUESTED.
2. CANCEL HYDROPAC 424/03. (180510Z MAR 2003)
- 481/03. CANCELED.
- 482/03(GEN). MARAD ADVISORY 03-03.
1. THE U.S. DEPARTMENT OF HOMELAND SECURITY HAD DECIDED TO
RAISE THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM
ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE).
THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.
IN RECENT MONTHS, THERE HAVE BEEN REPORTS OF SUSPICIOUS
ACTIVITY IN AND AROUND MILITARY FACILITIES, PORTS, WATERWAYS,
GENERAL INFRASTRUCTURE (BRIDGES, DAMS, POWER GENERATING
FACILITIES), AND TARGETS THAT ARE CONSIDERED SYMBOLIC TO U.S.
POWER AND INFLUENCE.
2. THE DEPARTMENT OF HOMELAND SECURITY, IN CONJUNCTION WITH NUMEROUS
DEPARTMENTS OF THE FEDERAL GOVERNMENT HAS BEGUN IMPLEMENTING
INCREASED PROTECTIVE MEASURES UNDER A COMPREHENSIVE NATIONAL PLAN
TO PROTECT THE HOMELAND: "OPERATION LIBERTY SHIELD." OPERATION LIBERTY
SHIELD WILL INCREASE SECURITY AT OUR BORDERS, STRENGTHEN TRANSPORTATION
SECTOR PROTECTIONS, ENHANCE SECURITY AT OUR CRITICAL INFRASTRUCTURE,
INCREASE PUBLIC HEALTH PREPAREDNESS AND MAKE SURE ALL FEDERAL RESPONSE
ASSETS CAN BE DEPLOYED QUICKLY.
3. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE
MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS.
OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF
SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY
EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT
AGENCIES. THE INTELLIGENCE COMMUNITY BELIEVES THAT TERRORISTS WILL ATTEMPT
MULTIPLE ATTACKS AGAINST U.S. AND COALITION TARGETS WORLDWIDE IN THE EVENT
OF A U.S.-LED MILITARY CAMPAIGN AGAINST SADDAM HUSSEIN.
4. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS
ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE:
WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION
CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
5. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF
SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S
(NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION
PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.
6. ALL U.S.-FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS
AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN,
RED SEA AND THE SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS
EVERY 24 HOURS VICE EVERY 48 HOURS.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR
SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED
IN THE WEEKLY "NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE:
WWW.MARAD.DOT.GOV.
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME
ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123,
400 7TH STREET SW WASHINGTON, DC 20590, PHONE: 202-366-5735 OR BY EMAIL TO
OPCENTR1@MARAD.DOT.GOV.
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT
CONDITION ORANGE.
10. CANCEL THIS MSG 29 APR. (182230Z MAR 2003)

- 483/03(61). INDIAN OCEAN. MOZAMBIQUE CHANNEL.
 1. DERELICT SEVEN METER BARGE ADRIFT VICINITY 28-08S 035-10E.
 2. CANCEL THIS MSG 26 MAR. (190330Z MAR 2003)
- 484/03(62). PERSIAN GULF. RED SEA. SAUDI ARABIA.
 1. LORAN-C STATION AFIF, RATE 8830-MASTER, OFF AIR
 0430Z TO 1500Z DAILY 21 THRU 30 MAR.
 2. CANCEL THIS MSG 301600Z MAR. (190922Z MAR 2003)
- 485/03(81). NORTH PACIFIC. MISSILES.
 1. HAZARDOUS OPERATIONS 220230Z TO 220810Z MAR
 WITHIN 120 MILES OF 16-56N 155-00E.
 2. CANCEL THIS MSG 220910Z MAR. (191442Z MAR 2003)
- 486/03(81). NORTH PACIFIC. MARIANA ISLANDS. ORDNANCE.
 1. BOMBING EXERCISES 2200Z TO 1200Z COMMENCING DAILY
 24 THRU 28 MAR WITHIN TEN MILES OF 16-01N 146-04E.
 2. CANCEL THIS MESSAGE 281300Z MAR. (191823Z MAR 2003)
- 487/03(61). MOZAMBIQUE.
 CHART 61150 (4TH ED).
 VILHENA LIGHT 18-05.8S 036-55.3E UNLIT. (192145Z MAR 2003)
- 488/03(62). PERSIAN GULF, GULF OF ADEN, RED SEA. DRILL RIGS.
 1. DRILL RIGS REPORTED:
 A. AL GHALLAN IN 24-48-21N 053-40-51E.
 B. AL HYCH IN 25-15-24N 053-13-26E.
 C. AL HYLEH IN 24-13-30N 053-15-39E.
 D. AL ITTIHAD IN 24-46-18N 053-45-26E.
 E. AL MARIYAH IN 25-16-23N 053-11-00E.
 F. AL YASAT IN 25-16-42N 053-15-48E.
 G. AMINA IN 26-39-03N 051-34-03E.
 H. BEYNOUNA IN 24-52-52N 053-41-05E.
 I. BIBBY TRIDENT ONE IN 25-29-54N 052-23-48E.
 J. BRAKAH IN 24-47-27N 053-33-42E.
 K. DELMA IN 24-55-45N 053-44-51E.
 L. DHABI II IN 24-29-26N 053-42-31E.
 M. DIYINA IN 25-12-34N 053-13-24E.
 N. ENSCO 96 IN 25-27-03N 052-22-03E.
 O. ENSCO 97 IN 26-37-09N 052-04-05E.
 P. GEORGE MCLEOD IN 25-09-04N 053-13-20E.
 Q. HAKURYU 9 IN 26-27-04N 052-04-19E.
 R. HAKURYU VIII IN 25-28-03N 052-44-02E.
 S. INTEROCEAN III IN 25-40-56N 055-22-03E.
 T. JUNANA IN 24-53-52N 053-38-35E.
 U. KAMIKAZE IN 24-47-23N 053-33-59E.
 V. KAMOSE IN 28-12-10N 033-21-40E.
 W. KEY GIBRALTER IN 28-12-13N 033-18-07E.
 X. MAERSK VALIANT IN 28-30-00N 049-43-00E.
 Y. MAERSK VIKING IN 29-04-00N 049-28-00E.
 Z. NOBLE CHUCK SYRING IN 26-35-30N 052-00-06E.
 AA. NOBLE CHUNK IN 21-06-18N 072-30-54E.
 BB. NOBLE GEORGE MCLEOD IN 25-08-50N 053-11-11E.
 CC. NOBLE GUS ANDROES IN 26-40-18N 052-00-45E.
 DD. NOBLE JIMMY PUCKETT IN 26-12-06N 052-08-02E.
 EE. NOBLE KENNETH DELANEY IN 25-14-05N 053-11-19E.
 FF. OCEAN MASTER VIII IN 25-29-04N 052-22-02E.
 GG. PANON IN 25-52-00N 052-46-04E.
 HH. RANI WORO IN 26-09-04N 052-19-01E.
 II. RBF 185 IN 25-28-00N 052-21-48E.
 JJ. SAGADRIL 2 IN 26-39-42N 052-08-30E.
 KK. SAGADRIL1 IN 26-38-22N 052-13-18E.
 LL. SANTA FE 103 IN 25-28-30N 052-23-48E.
 MM. SANTA FE 105 IN 28-37-11N 033-06-34E.
 NN. SANTA FE 124 IN 28-36-00N 033-07-00E.
 OO. SANTA FE 127 IN 25-30-24N 052-22-12E.
 PP. SANTA FE 141 IN 28-57-38N 033-07-38E.
 QQ. SENUSRET IN 27-22-54N 033-54-30E.
 RR. SHAHID MODARES IN 28-37-01N 049-38-00E.
 SS. SHAHID RAJAI IN 25-42-04N 054-27-01E.
 TT. SOUTHWESTERN 160 IN 25-07-12N 052-26-42E.
 UU. TAWASH 2 IN 25-40-06N 052-24-36E.
 VV. TER IN 25-25-03N 052-43-03E.
 WW. TRANSOCEAN COMET IN 28-12-45N 033-24-04E.
 XX. TRANSOCEAN JUPITER IN 25-57-30N 052-24-30E.
 YY. TRANSOCEAN MERCURY IN 28-15-43N 033-14-47E.
 ZZ. TRIDENT 19 IN 26-35-24N 052-00-06E.

- A1. TRIDENT III IN 25-37-48N 054-11-48E.
 - A2. TRIDENT XVII IN 05-01-10N 105-34-18E.
 - A3. TRIDENT XVIII IN 25-57-06N 052-44-56E.
 - A4. VENTURE IN 25-55-30N 051-36-06E.
 - A5. YEMILA IN 25-27-00N 053-15-24E.
2. CANCEL THIS MSG 26 MAR.

(192200Z MAR 2003)

- 489/03(96). SEA OF JAPAN. GUNNERY.
- 1. GUNNERY EXERCISES 0001Z TO 0300Z AND 0500Z TO 0800Z DAILY 24 AND 25 MAR IN AREAS:
 - A. BETWEEN 42-31.0N 42-38.5N AND 132-23.0E 132-35.0E.
 - B. BOUND BY 42-31.0N 132-35.0E, 42-38.5N 132-35.0E, 42-37.5N 132-49.0E, 42-31.0N 132-49.0E.
 - 2. CANCEL THIS MSG 250900Z MAR.

(192317Z MAR 2003)

- 490/03(96). SEA OF JAPAN. GUNNERY.
- 1. GUNNERY EXERCISES 0001Z TO 0300Z AND 0500Z TO 0800Z DAILY 24 THRU 27 MAR IN AREAS BETWEEN:
 - A. 42-31.0N 42-40.0N AND 131-41.0E 131-57.0E.
 - B. 42-31.0N 42-38.5N AND 132-15.0E 131-59.0E.
 - 2. CANCEL THIS MSG 270900Z MAR.

(192333Z MAR 2003)

- 491/03(62). SUDAN TO EGYPT.
- 8.63 METER S/V MEANDER 2, BLUE AND WHITE HULL, ONE PERSON ON BOARD, OVERDUE PORT SUDAN (19-35N 037-15E) TO HURGHADA (27-15N 033-05E). VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC FALMOUTH, TELEX: 514 5560, PHONE: 44013 2631 7575, FAX: 44013 2631 8342.

(200108Z MAR 2003)

- 492/03(22). SOUTH PACIFIC. CHILE.
- M/V VIRACOCOA II, NINE PERSONS ON BOARD, UNREPORTED VALPARAISO TO ISLA DE PASCUA. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(200310Z MAR 2003)

- 493/03(95,97). NORTH PACIFIC. JAPAN.
- 1. LORAN-C STATIONS NII JIMA, RATES 8930-MASTER AND 9930-Y, OFF AIR 250001Z TO 250800Z MAR.
 - 2. CANCEL THIS MSG 250900Z MAR.

(200833Z MAR 2003)

494/03. CANCELED.

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 20 March 2003: 00-7, 01-1, 01-5, 01-7, 02-2, 02-5, 02-7, 03-2 and 03-3.

MARAD ADVISORY NO. 03-3 (182100Z MAR 2003)
TO: OPERATORS OF U.S. FLAG AND EFFECTIVE U.S. CONTROLLED VESSELS AND OTHER MARITIME INTERESTS

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY HAS DECIDED TO RAISE THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE). THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. IN RECENT MONTHS, THERE HAVE BEEN REPORTS OF SUSPICIOUS ACTIVITY IN AND AROUND MILITARY FACILITIES, PORTS, WATERWAYS, GENERAL INFRASTRUCTURE (BRIDGES, DAMS, POWER GENERATING FACILITIES), AND TARGETS THAT ARE CONSIDERED SYMBOLIC TO U.S. POWER AND INFLUENCE.

2. THE DEPARTMENT OF HOMELAND SECURITY, IN CONJUNCTION WITH NUMEROUS DEPARTMENTS OF THE FEDERAL GOVERNMENT HAS BEGUN IMPLEMENTING INCREASED PROTECTIVE MEASURES UNDER A COMPREHENSIVE NATIONAL PLAN TO PROTECT THE HOMELAND: {OPERATION LIBERTY SHIELD.} OPERATION LIBERTY SHIELD WILL INCREASE SECURITY AT OUR BORDERS, STRENGTHEN

TRANSPORTATION SECTOR PROTECTIONS, ENHANCE SECURITY AT OUR CRITICAL INFRASTRUCTURE, INCREASE PUBLIC HEALTH PREPAREDNESS AND MAKE SURE ALL FEDERAL RESPONSE ASSETS CAN BE DEPLOYED QUICKLY.

3. MARITIME INDUSTRY OPERATORS ARE URGED TO IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS. OFFICIALS AT TRANSPORTATION FACILITIES SHOULD MAINTAIN HIGH LEVELS OF SECURITY AND REPORT SUSPICIOUS ACTIVITIES OR PERSONS. NECESSARY SECURITY EFFORTS SHOULD BE COORDINATED WITH THE ARMED FORCES OR LAW ENFORCEMENT AGENCIES. THE INTELLIGENCE COMMUNITY BELIEVES THAT TERRORISTS WILL ATTEMPT MULTIPLE ATTACKS AGAINST U.S. AND COALITION TARGETS WORLDWIDE IN THE EVENT OF A U.S.-LED MILITARY CAMPAIGN AGAINST SADDAM HUSSEIN.

4. THE TRANSPORTATION INDUSTRY CAN REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE [HTTP://WWW.FBI.GOV/CONTACT/FO/FO.HTM](http://www.fbi.gov/contact/fo/fo.htm) OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE [HTTP://WWW.NIPC.GOV/INCIDENT/CIRR.HTM](http://www.nipc.gov/incident/cirr.htm).

5. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL IMAGERY AND MAPPING AGENCY'S (NIMA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NIMA PUBLICATION 117.

6. ALL U.S.-FLAG SHIPS REQUIRED BY REGULATION TO FILE AMVER POSITION REPORTS AND OPERATING IN THE NORTH ARABIAN SEA, GULF OF OMAN, PERSIAN GULF, GULF OF ADEN, RED SEA AND THE SUEZ CANAL ARE REMINDED TO FILE AMVER POSITION REPORTS EVERY 24 HOURS VICE EVERY 48 HOURS.

7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY {NOTICE TO MARINERS} AND MARAD INTERNET WEB SITE: [HTTP://WWW.MARAD.DOT.GOV](http://www.marad.dot.gov).

8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; TELEPHONE 202-366-5735, OR BY EMAIL TO OPCENTRI@MARAD.DOT.GOV.

9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002.

SPECIAL WARNINGS in force 20 March 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

SPECIAL WARNING No. 121. PERSIAN GULF.

1. COALITION NAVAL FORCES MAY CONDUCT MILITARY OPERATIONS IN THE EASTERN MEDITERRANEAN SEA, RED SEA, GULF OF ADEN, ARABIAN SEA, GULF OF OMAN, AND ARABIAN GULF. THE TIMELY AND ACCURATE IDENTIFICATION OF ALL VESSELS AND AIRCRAFT IN THESE AREAS ARE CRITICAL TO AVOID THE INADVERTENT USE OF FORCE.

2. ALL VESSELS ARE ADVISED THAT COALITION NAVAL FORCES ARE PREPARED TO EXERCISE APPROPRIATE MEASURES IN SELF-DEFENSE TO ENSURE THEIR SAFETY IN THE EVENT THEY ARE APPROACHED BY VESSELS OR AIRCRAFT. COALITION FORCES ARE PREPARED TO RESPOND DECISIVELY TO ANY HOSTILE ACTS OR INDICATIONS OF HOSTILE INTENT. ALL MARITIME VESSELS OR ACTIVITIES THAT ARE DETERMINED TO BE THREATS TO COALITION NAVAL FORCES WILL BE SUBJECT TO DEFENSIVE MEASURES, INCLUDING BOARDING, SEIZURE, DISABLING OR DESTRUCTION, WITHOUT REGARD TO REGISTRY OR LOCATION. CONSEQUENTLY, SURFACE VESSELS, SUBSURFACE VESSELS, AND ALL AIRCRAFT APPROACHING COALITION NAVAL FORCES ARE ADVISED TO MAINTAIN RADIO CONTACT ON BRIDGE-TO-BRIDGE CHANNEL 16, INTERNATIONAL AIR DISTRESS (121.5 MHZ VHF) OR MILITARY AIR DISTRESS (243.0 MHZ UHF).

3. VESSELS OPERATING IN THE MIDDLE EAST, EASTERN MEDITERRANEAN SEA, RED SEA, GULF OF OMAN, ARABIAN SEA, AND ARABIAN GULF ARE SUBJECT TO QUERY, BEING STOPPED, BOARDED AND SEARCHED BY US/COALITION WARSHIPS OPERATING IN SUPPORT OF OPERATIONS AGAINST IRAQ. VESSELS FOUND TO BE CARRYING CONTRABAND BOUND FOR IRAQ OR CARRYING AND/OR LAYING NAVAL MINES ARE SUBJECT TO DETENTION, SEIZURE AND DESTRUCTION. THIS NOTICE IS EFFECTIVE IMMEDIATELY AND WILL REMAIN IN EFFECT UNTIL FURTHER NOTICE.

(200120Z MAR 2003)

MARINE INFORMATION**WORLD PORT INDEX**

The World Port Index, Pub. 150, 2000 edition, has been updated in the regions of the Eastern Mediterranean Sea, Red Sea and Persian Gulf. Mariners can access the revised data from the NIMA Maritime Safety Information Website at http://pollux.nss.nima.mil/pubs/pubs_j_wpi_sections.html by using the “Download WPI Database” or “Database Query” options. Corresponding Notice to Mariners corrections to the publication will not be issued, and the on-line PDF files will not reflect these updates until the next edition is issued

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

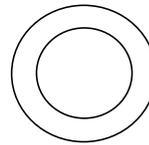
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



FIRST-CLASS MAIL
POSTAGE & FEES PAID
NIMA
PERMIT NO. G-2

ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

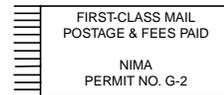
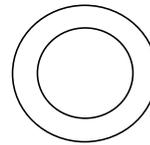
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

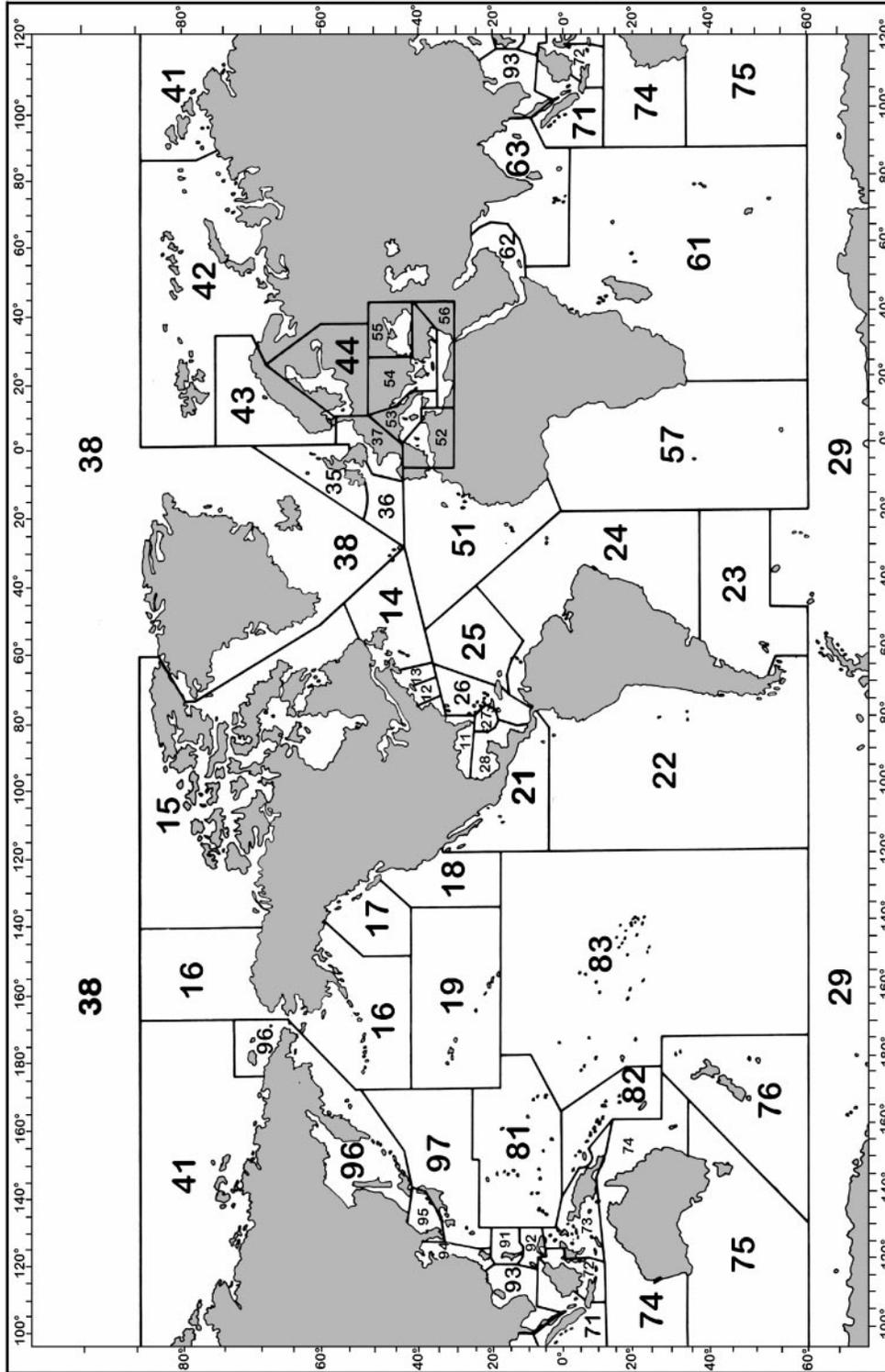
Details of Information Reported (continue on additional sheets as necessary): _____



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL IMAGERY AND MAPPING AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

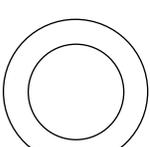
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